

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017323.D
 Acq On : 02 Jul 2020 22:13
 Operator : SY/MD
 Sample : L3154-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4295

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.222	35	41	54	rVB	138605	128505	5.86%	1.005%
2	1.319	62	71	80	rBV2	538380	561036	25.60%	4.386%
3	1.579	138	152	164	rBV2	88843	163241	7.45%	1.276%
4	1.647	164	173	192	rVB	1160068	1468255	66.99%	11.477%
5	1.820	220	227	241	rVB3	33108	49862	2.28%	0.390%
6	2.039	289	295	310	rVB2	15678	23498	1.07%	0.184%
7	2.126	313	322	343	rVB	126054	219882	10.03%	1.719%
8	2.515	429	443	457	rBV2	91887	227032	10.36%	1.775%
9	2.595	458	468	484	rVB	323142	591423	26.98%	4.623%
10	2.788	512	528	550	rBV	1035619	2191723	100.00%	17.133%
11	3.212	649	660	673	rVB2	14657	30168	1.38%	0.236%
12	3.383	698	713	725	rBV9	11246	30540	1.39%	0.239%
13	3.785	822	838	853	rBV2	85260	210091	9.59%	1.642%
14	3.868	853	864	873	rVV2	30415	73245	3.34%	0.573%
15	3.939	873	886	920	rVB2	72737	241920	11.04%	1.891%
16	4.380	1008	1023	1047	rBV	90057	238055	10.86%	1.861%
17	4.704	1106	1124	1140	rBV4	62405	158461	7.23%	1.239%
18	4.785	1142	1149	1168	rVB4	7502	23023	1.05%	0.180%
19	5.074	1221	1239	1247	rBV3	207054	500194	22.82%	3.910%
20	5.126	1248	1255	1270	rVB	196668	400252	18.26%	3.129%
21	5.244	1286	1292	1310	rVB6	19417	47738	2.18%	0.373%
22	5.643	1402	1416	1436	rBV	204447	427817	19.52%	3.344%
23	5.952	1495	1512	1535	rBV	21642	64672	2.95%	0.506%
24	6.097	1541	1557	1572	rBV2	114166	240902	10.99%	1.883%
25	6.826	1771	1784	1796	rVB	38181	73227	3.34%	0.572%
26	7.010	1823	1841	1851	rBV	65416	125367	5.72%	0.980%
27	7.190	1887	1897	1911	rVB3	15405	32543	1.48%	0.254%
28	7.338	1923	1943	1958	rBV	253335	452823	20.66%	3.540%
29	7.643	2031	2038	2055	rVB2	37061	64997	2.97%	0.508%
30	7.865	2096	2107	2117	rBV	27271	47669	2.17%	0.373%
31	8.109	2173	2183	2198	rBV	225336	405956	18.52%	3.173%
32	8.238	2212	2223	2237	rVB2	188444	321180	14.65%	2.511%
33	8.875	2410	2421	2430	rBV	303509	490602	22.38%	3.835%
34	8.920	2430	2435	2447	rVB2	48891	80814	3.69%	0.632%

LSC Area Percent Report

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Title : TRACE VOA SOM01.0

35	9.283	2528	2548	2581	rBV	463471	813940	37.14%	6.363%
36	9.482	2596	2610	2615	rBV8	16804	31706	1.45%	0.248%
37	9.521	2617	2622	2633	rVB4	16836	24926	1.14%	0.195%
38	9.739	2679	2690	2704	rBV2	46610	84103	3.84%	0.657%
39	9.823	2704	2716	2728	rVV5	43611	98938	4.51%	0.773%
40	9.884	2728	2735	2746	rVV3	25562	44763	2.04%	0.350%
41	10.106	2795	2804	2816	rBV3	10981	22184	1.01%	0.173%
42	10.241	2835	2846	2862	rBV3	115523	205517	9.38%	1.607%
43	10.784	3005	3015	3024	rVB3	13324	22999	1.05%	0.180%
44	10.868	3030	3041	3055	rBV6	35712	69757	3.18%	0.545%
45	11.270	3154	3166	3190	rVB	325341	513300	23.42%	4.012%
46	11.646	3268	3283	3304	rBV	255858	422106	19.26%	3.300%
47	14.852	4271	4280	4290	rVB5	16866	31626	1.44%	0.247%

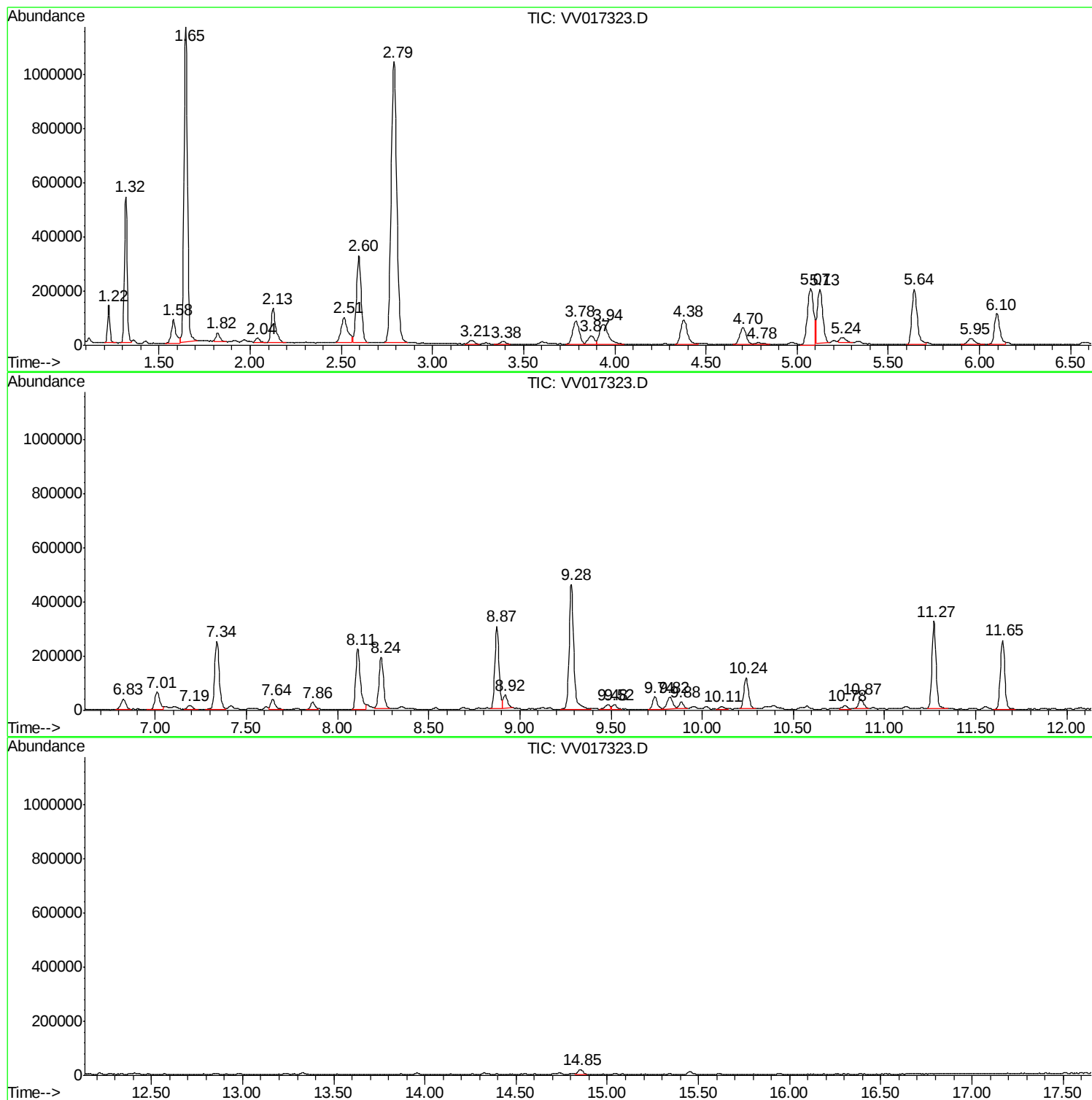
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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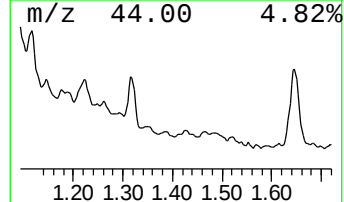
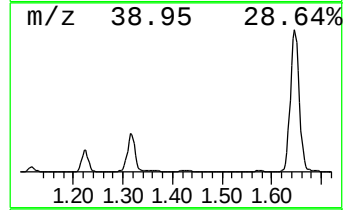
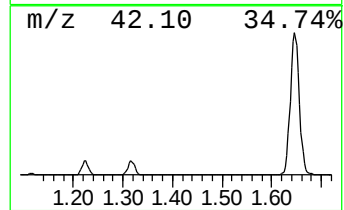
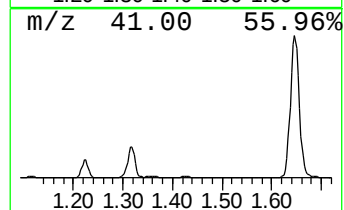
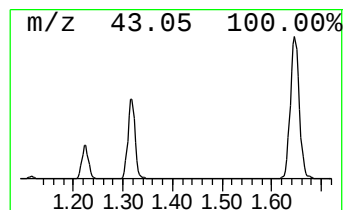
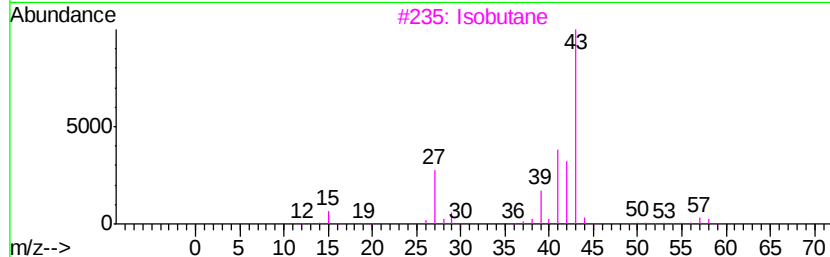
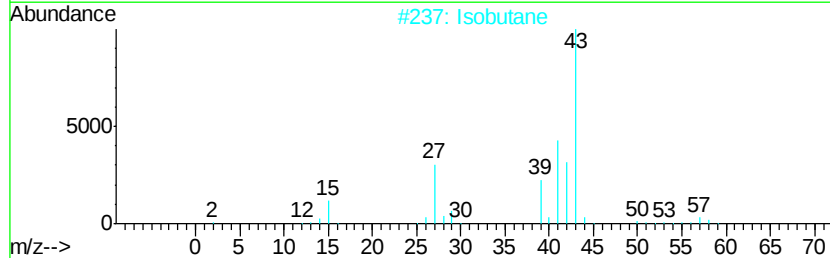
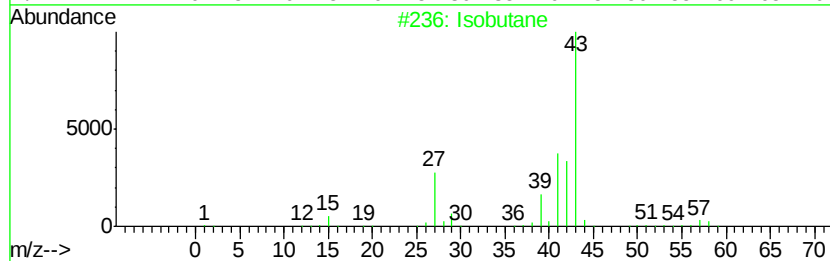
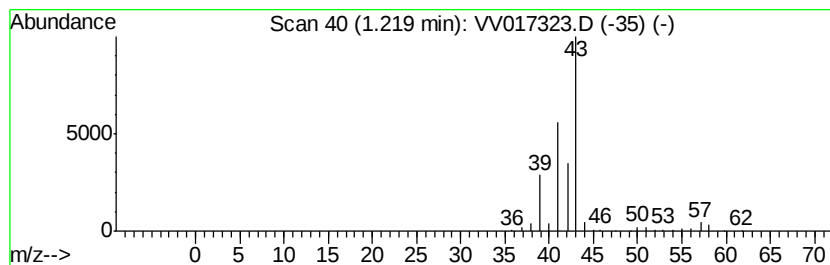
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	1.50 ug/L	128505	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	72
2		Isobutane	58	C4H10	000075-28-5	64
3		Isobutane	58	C4H10	000075-28-5	64
4		Isobutane	58	C4H10	000075-28-5	45
5		Propene	42	C3H6	000115-07-1	5



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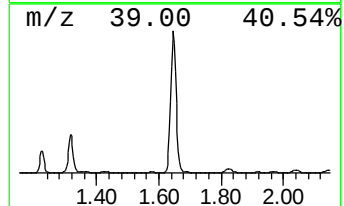
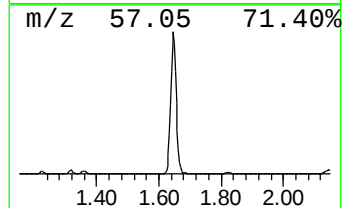
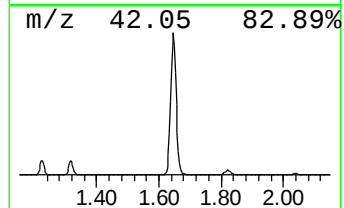
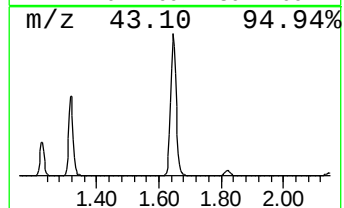
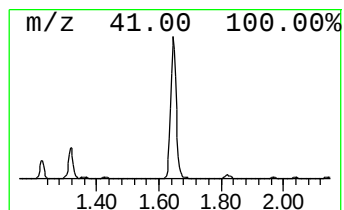
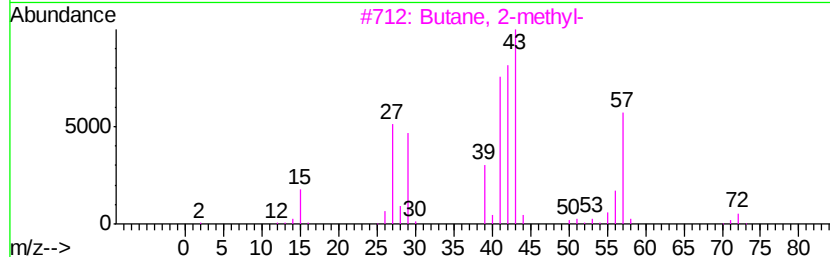
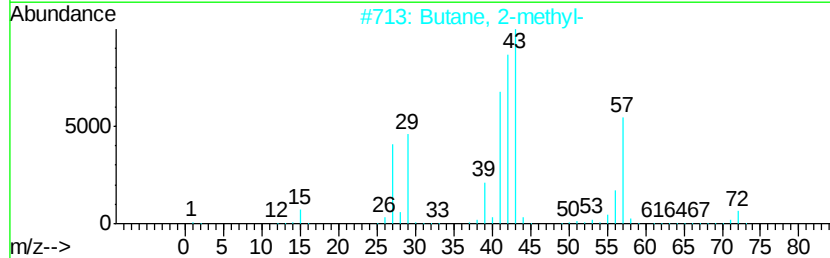
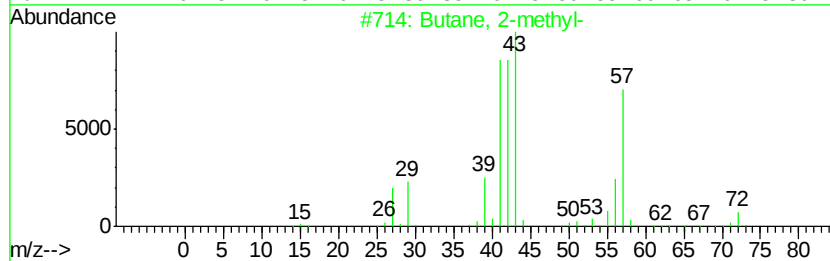
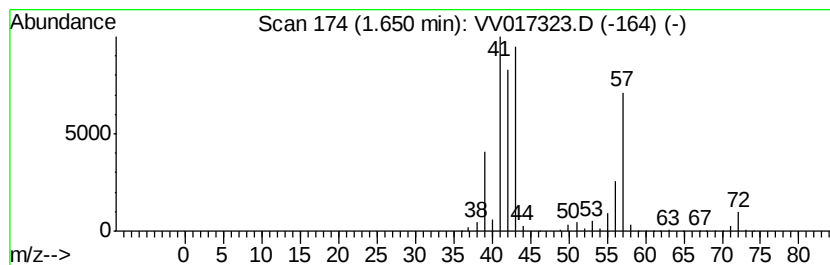
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.65	17.16 ug/L	1468260	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methyl-	72	C5H12	000078-78-4	81
2		Butane, 2-methyl-	72	C5H12	000078-78-4	58
3		Butane, 2-methyl-	72	C5H12	000078-78-4	58
4		3-Buten-1-ol	72	C4H8O	000627-27-0	38
5		Oxirane, trimethyl-	86	C5H10O	005076-19-7	37



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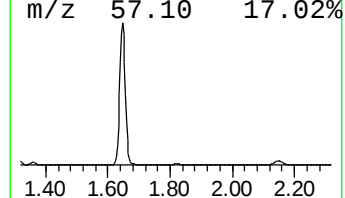
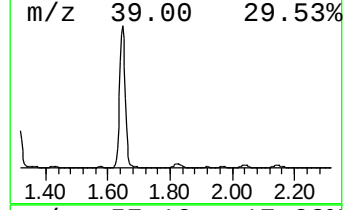
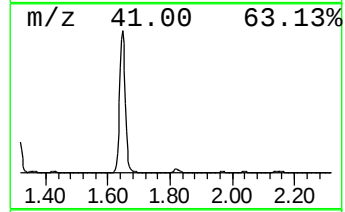
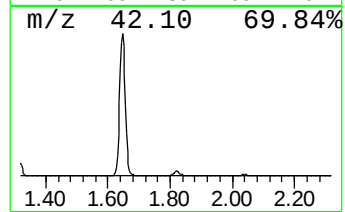
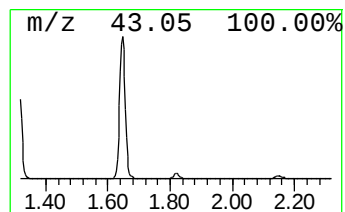
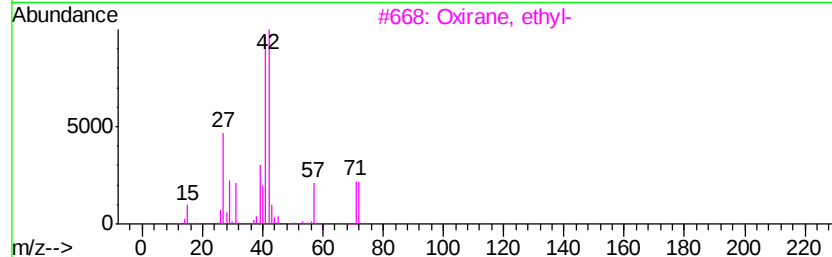
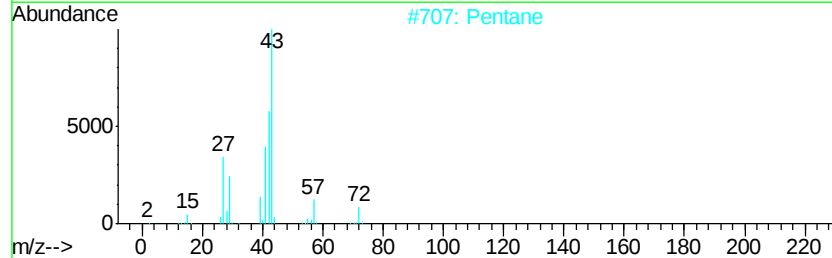
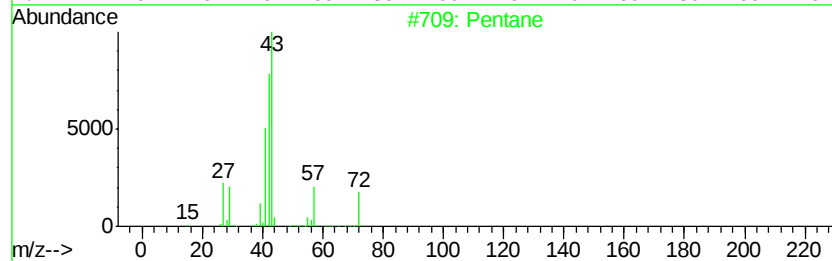
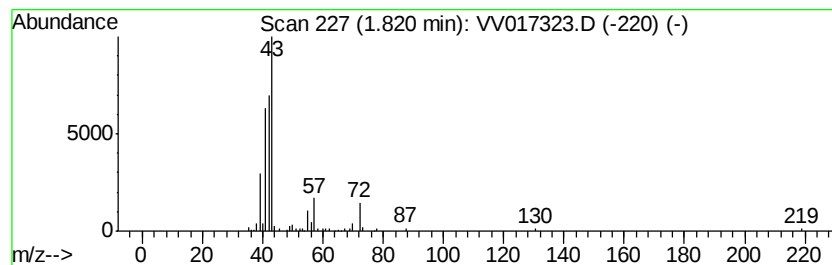
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	0.58 ug/L	49862	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	72
2		Pentane	72	C5H12	000109-66-0	47
3		Oxirane, ethyl-	72	C4H8O	000106-88-7	47
4		Pentane	72	C5H12	000109-66-0	47
5		Pentane	72	C5H12	000109-66-0	42



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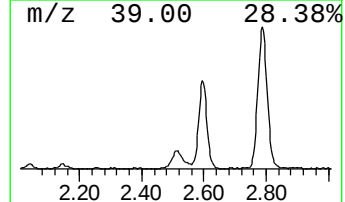
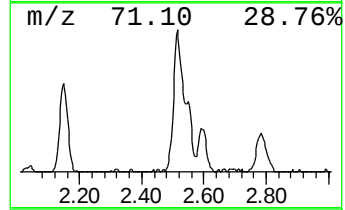
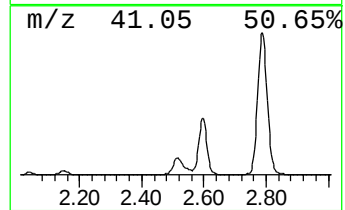
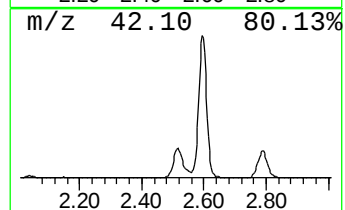
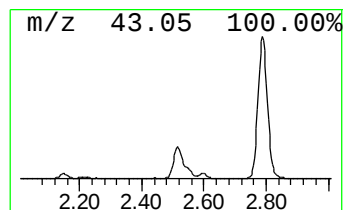
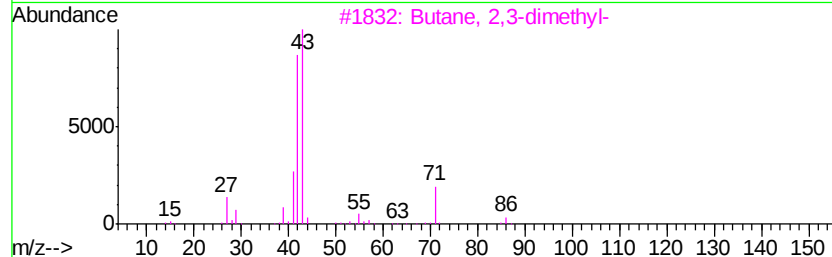
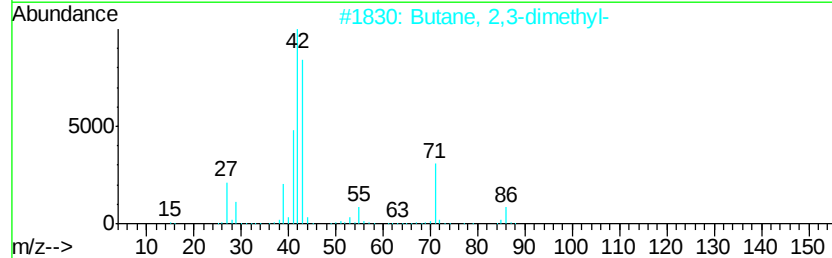
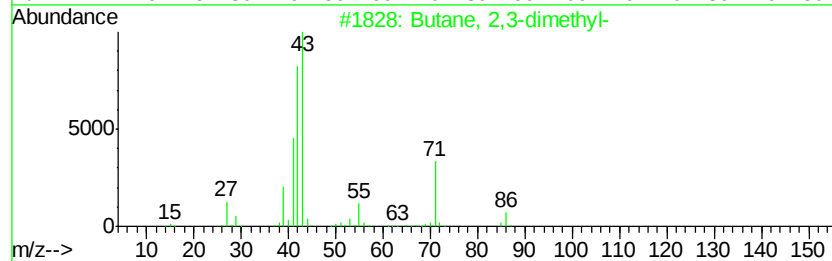
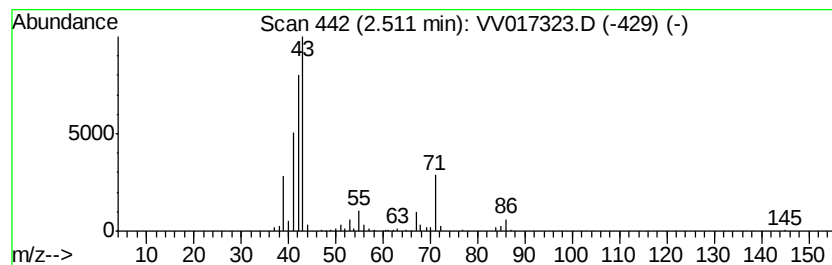
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.51	2.65 ug/L	227032	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	78
4		Butane, 2-chloro-3-methyl-	106	C5H11Cl	000631-65-2	42
5		Pentane, 2-methyl-	86	C6H14	000107-83-5	38



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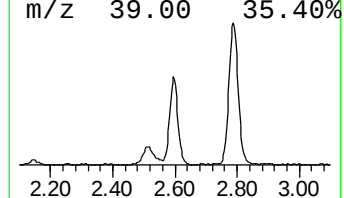
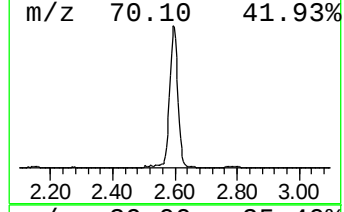
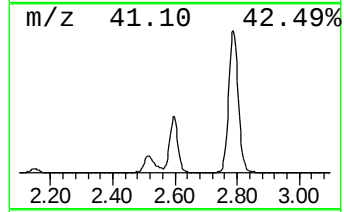
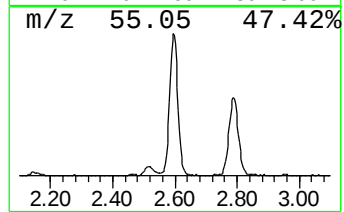
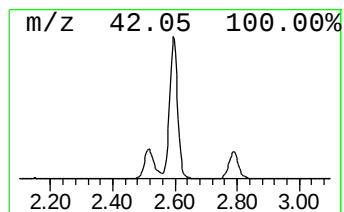
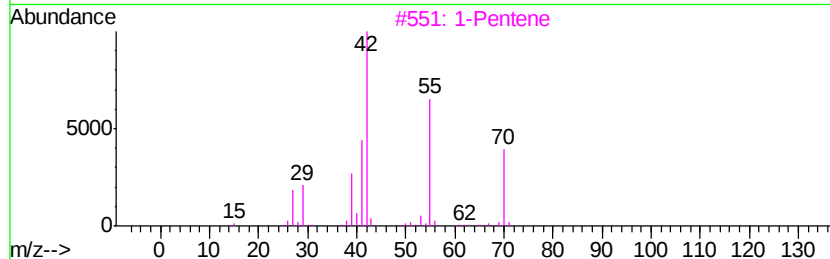
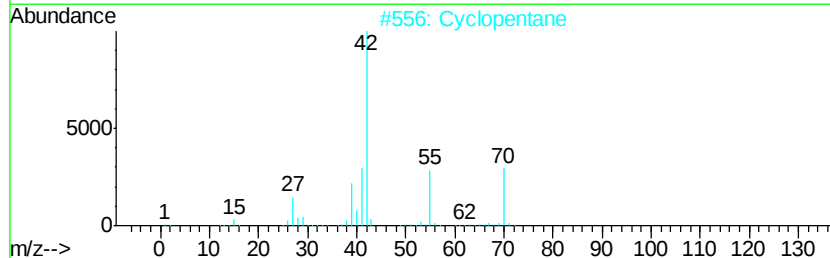
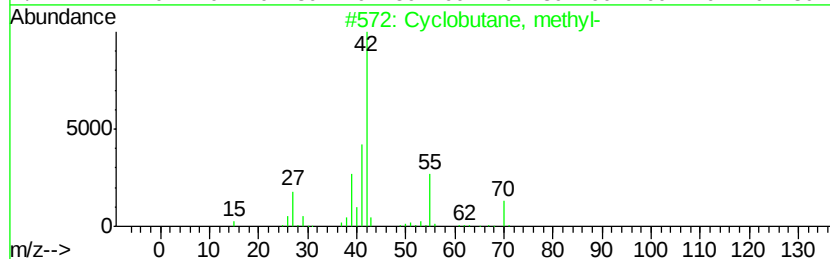
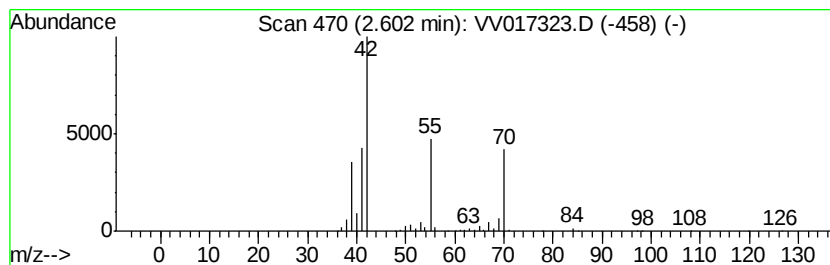
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic2.60 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.60	6.91 ug/L	591423	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutane, methyl-	70	C5H10	000598-61-8	86
2		Cyclopentane	70	C5H10	000287-92-3	86
3		1-Pentene	70	C5H10	000109-67-1	78
4		1-Pentene	70	C5H10	000109-67-1	64
5		1-Pentanol	88	C5H12O	000071-41-0	40



Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
Data File : VV017323.D
Acq On : 02 Jul 2020 22:13
Operator : SY/MD
Sample : L3154-08
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

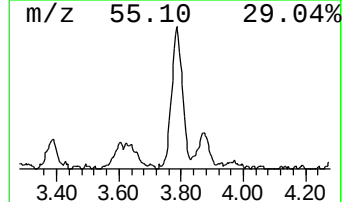
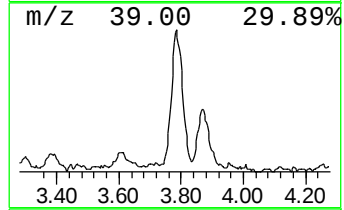
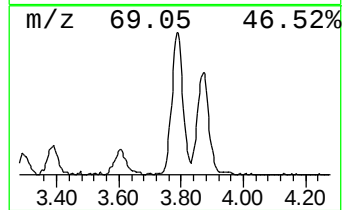
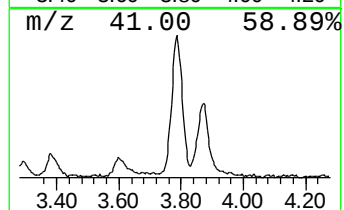
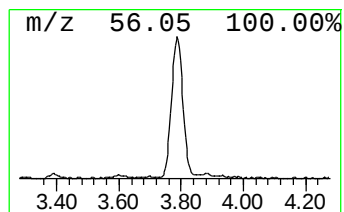
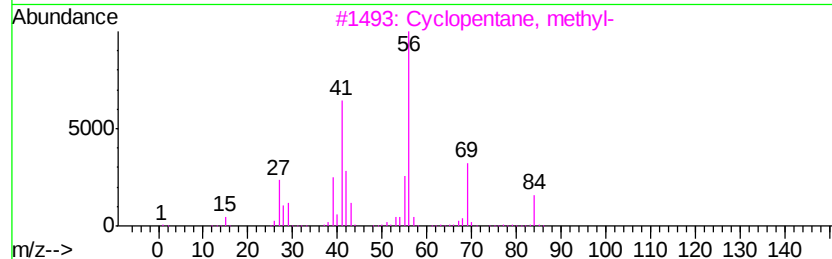
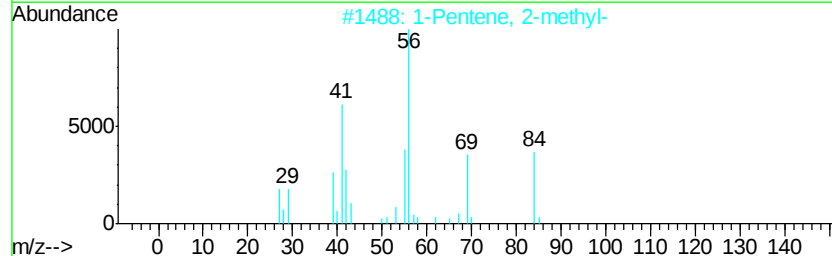
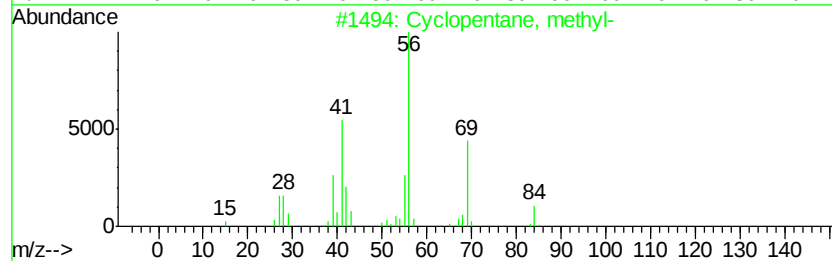
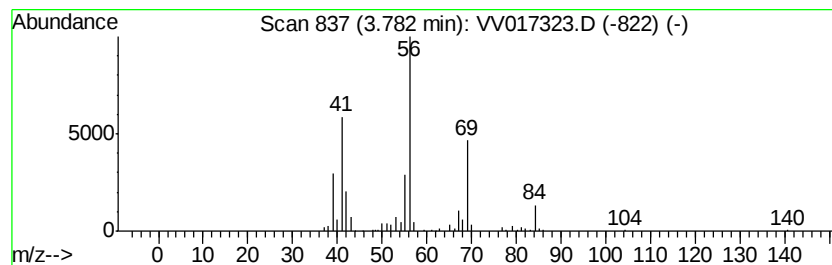
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ClientSampleId :
H4295

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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic3.78 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.78	2.46 ug/L	210091	1,4-Difluorobenzene	5.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopentane, methyl-	84	C6H12	000096-37-7	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	Cvclopentane, methyl-	84	C6H12	000096-37-7	80
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070220\
Data File : VV017323.D
Acq On : 02 Jul 2020 22:13
Operator : SY/MD
Sample : L3154-08
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4295

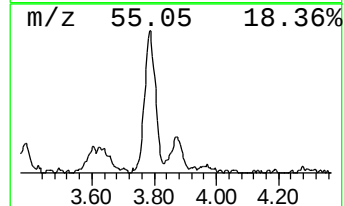
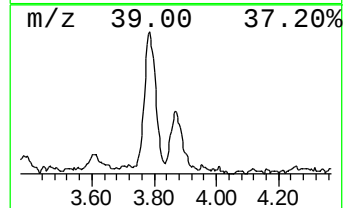
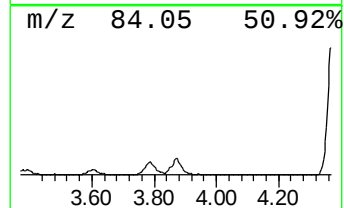
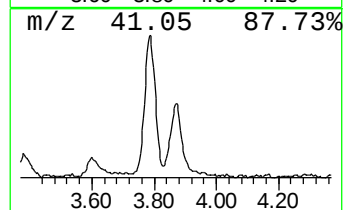
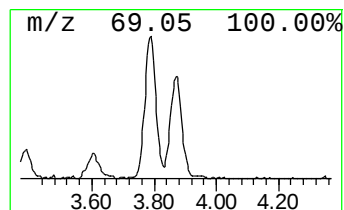
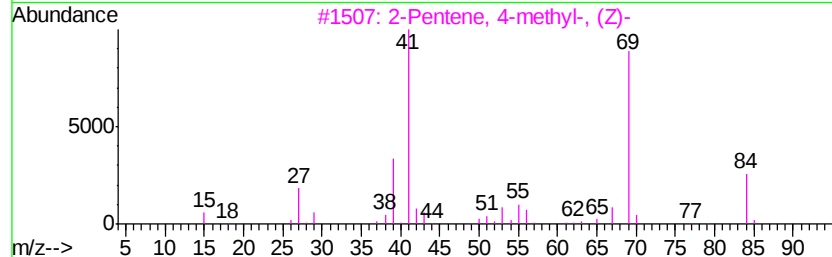
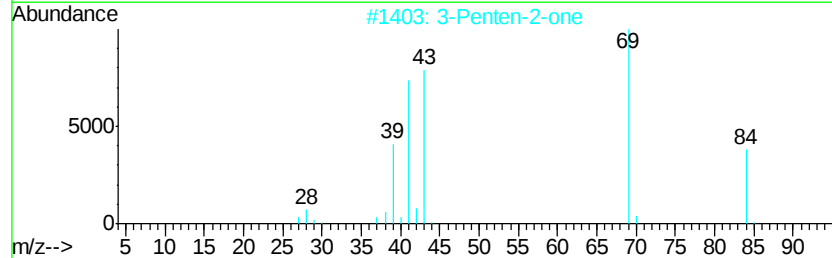
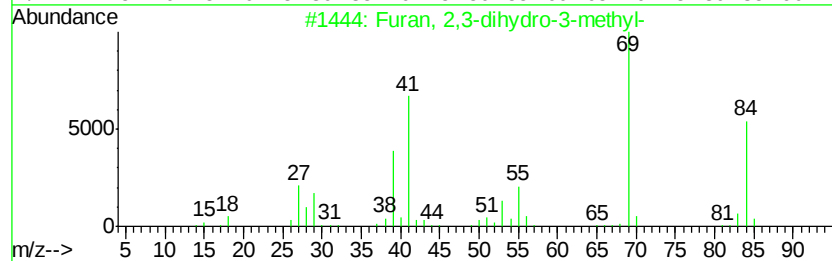
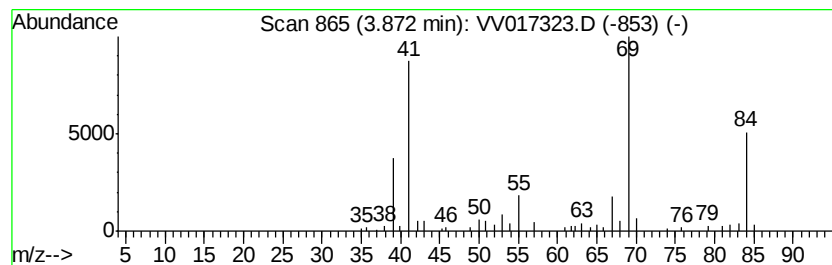
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Furan, 2,3-dihydro-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.87	0.86 ug/L	73245	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	72
2		3-Penten-2-one	84	C5H8O	000625-33-2	72
3		2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	68
4		2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	59
5		Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070220\
Data File : VV017323.D
Acq On : 02 Jul 2020 22:13
Operator : SY/MD
Sample : L3154-08
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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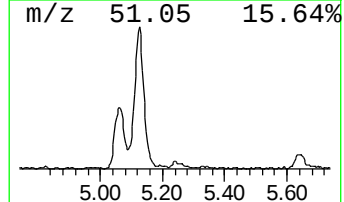
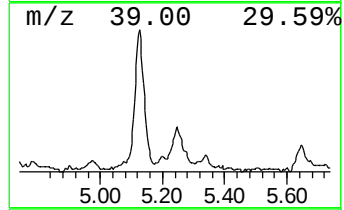
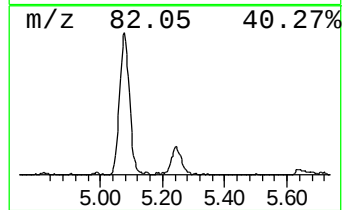
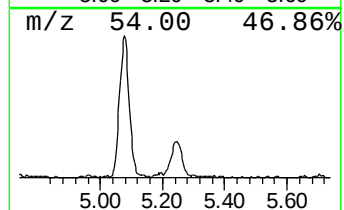
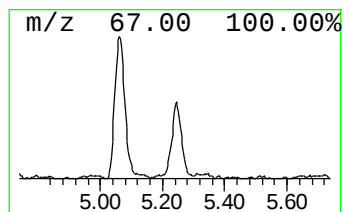
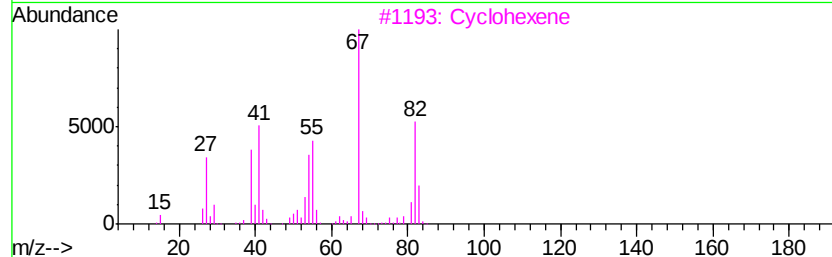
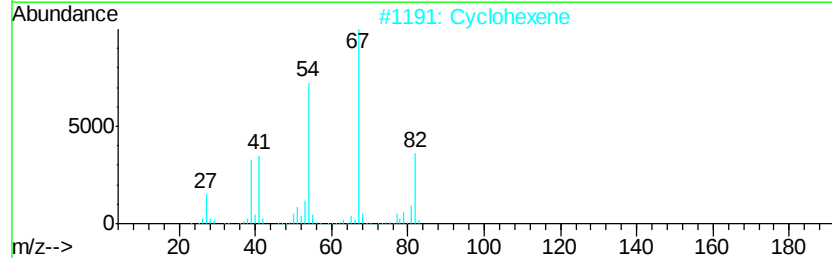
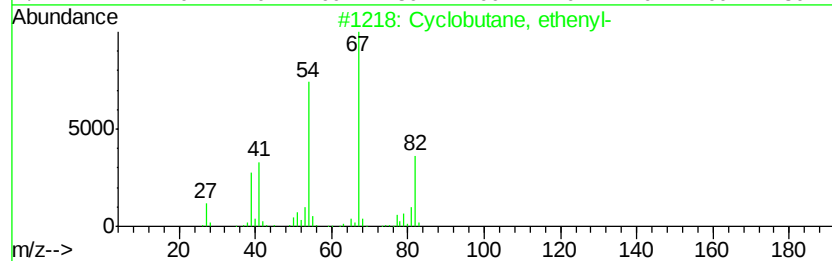
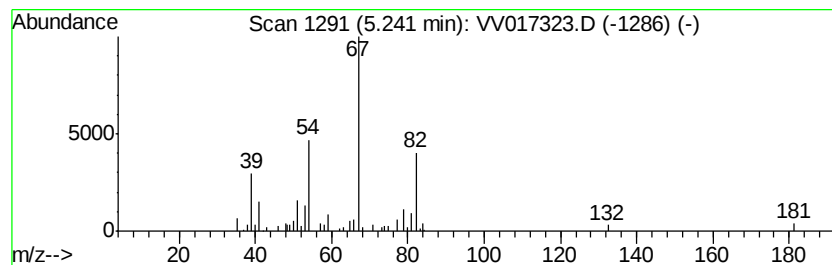
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Cyclobutane, ethenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	0.56 ug/L	47738	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	64
2		Cyclohexene	82	C6H10	000110-83-8	64
3		Cyclohexene	82	C6H10	000110-83-8	58
4		Cyclohexane, chloro-	118	C6H11Cl	000542-18-7	53
5		trans-1,4-Hexadiene	82	C6H10	007319-00-8	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070220\
Data File : VV017323.D
Acq On : 02 Jul 2020 22:13
Operator : SY/MD
Sample : L3154-08
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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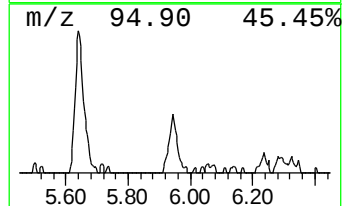
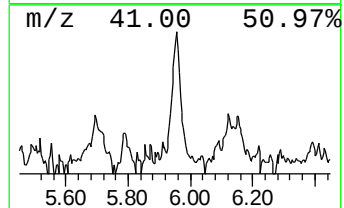
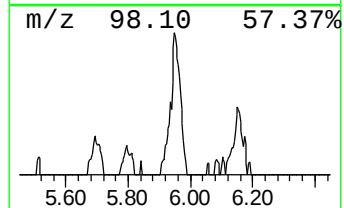
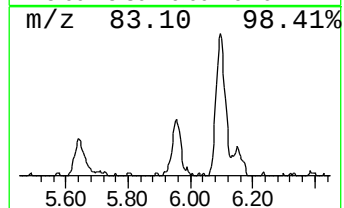
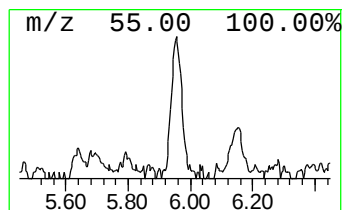
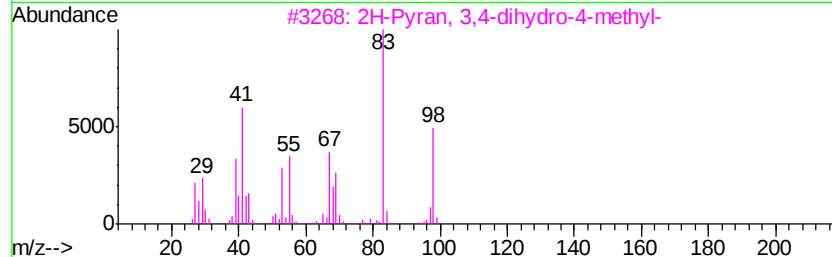
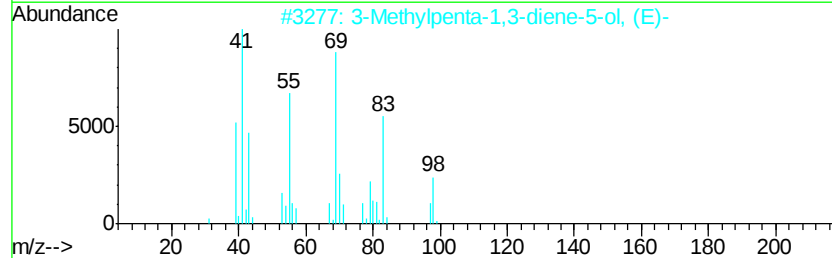
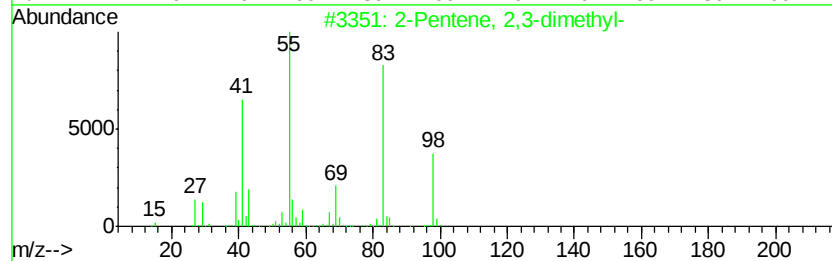
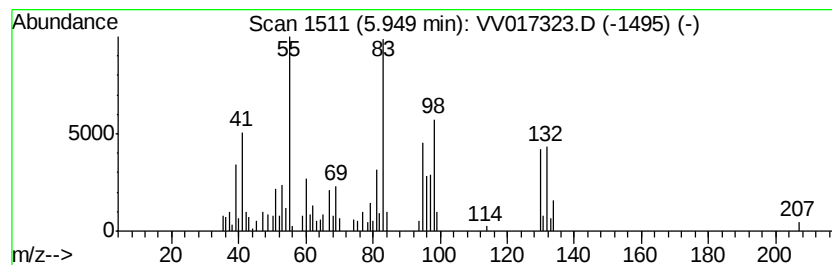
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	0.76 ug/L	64672	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	38
2		3-Methylpenta-1,3-diene-5-ol, (E)-	98	C6H10O	001572-08-3	38
3		2H-Pyran, 3,4-dihydro-4-methyl-	98	C6H10O	002270-61-3	35
4		Cyclohexane, methyl-	98	C7H14	000108-87-2	30
5		2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070220\
Data File : VV017323.D
Acq On : 02 Jul 2020 22:13
Operator : SY/MD
Sample : L3154-08
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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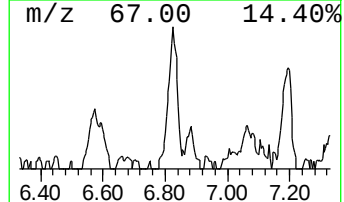
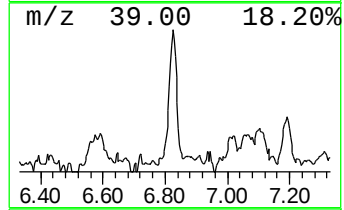
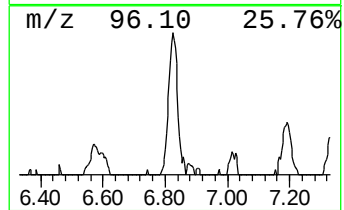
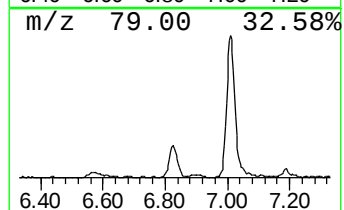
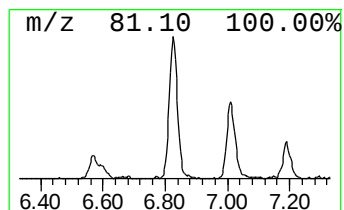
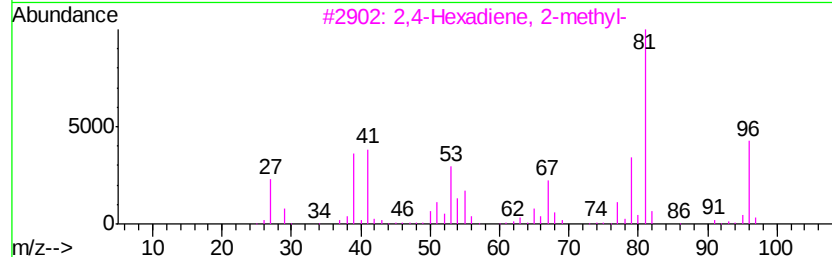
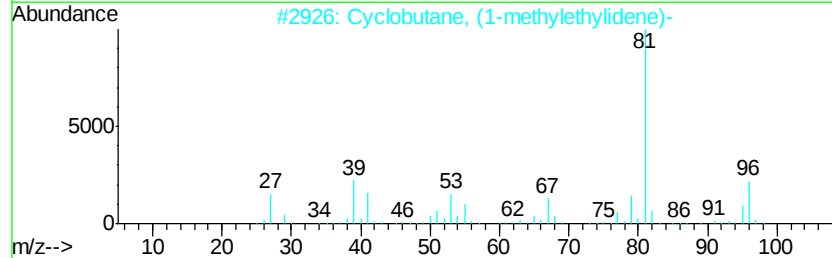
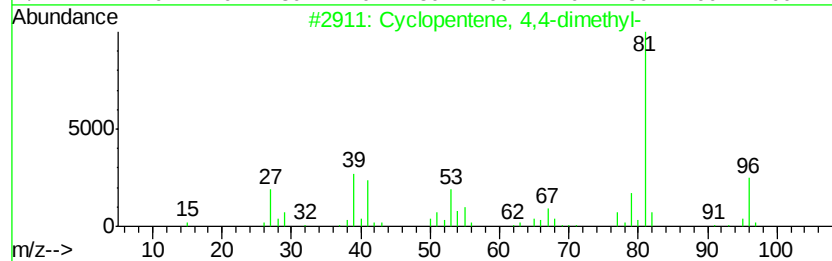
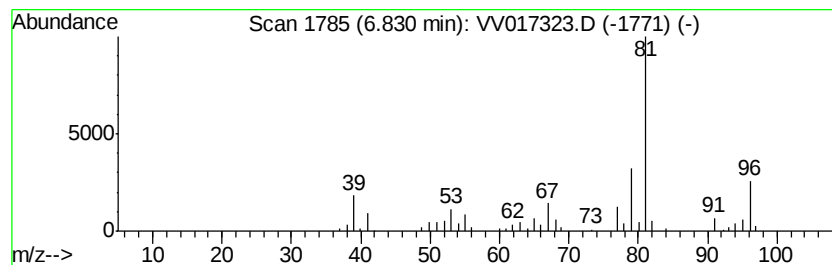
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Cyclopentene, 4,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	0.86 ug/L	73227	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	87
2			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	87
3			2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	86
4			Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	83
5			1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070220\
Data File : VV017323.D
Acq On : 02 Jul 2020 22:13
Operator : SY/MD
Sample : L3154-08
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
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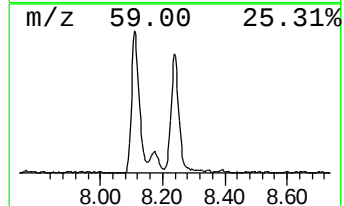
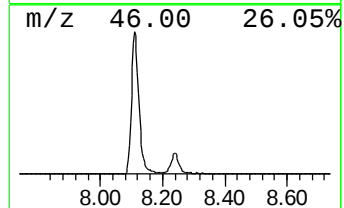
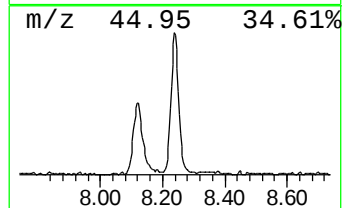
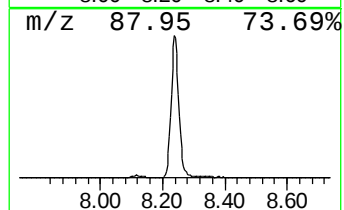
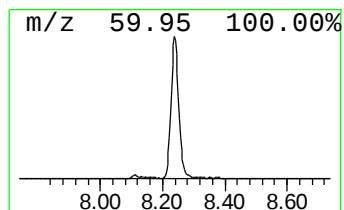
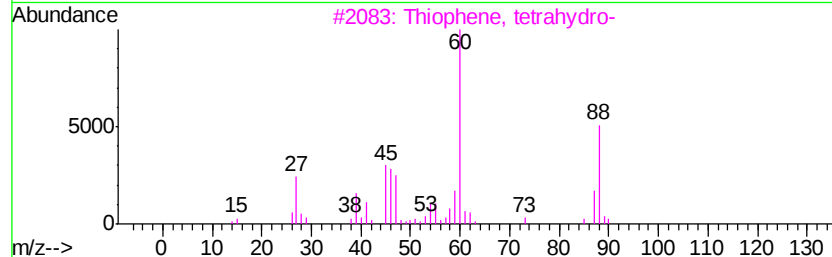
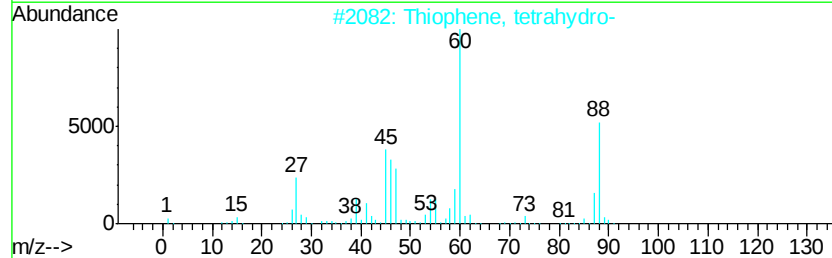
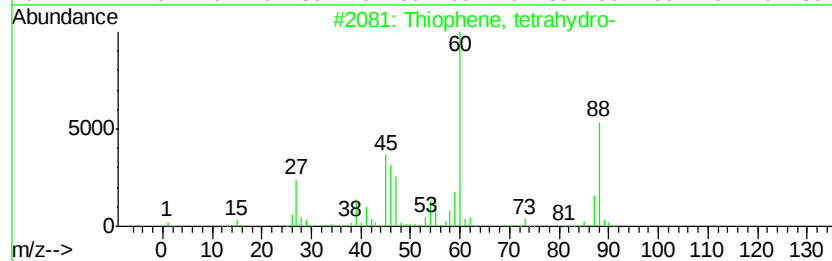
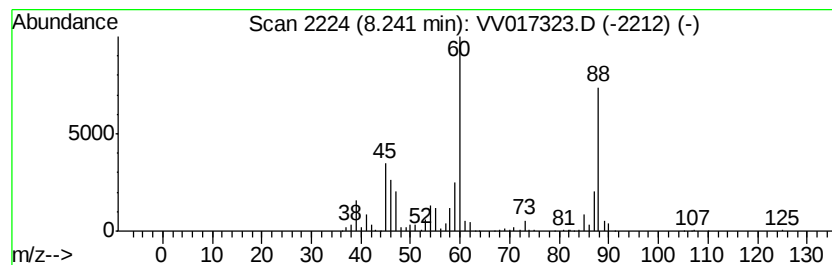
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Thiophene, tetrahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	3.27 ug/L	321180	Chlorobenzene-d5	8.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, tetrahydro-	88	C4H8S	000110-01-0	95
2			Thiophene, tetrahydro-	88	C4H8S	000110-01-0	90
3			Thiophene, tetrahydro-	88	C4H8S	000110-01-0	87
4			Thietane, 2-methyl-	88	C4H8S	017837-41-1	83
5			Ethylvinyl sulfide	88	C4H8S	000627-50-9	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070220\
Data File : VV017323.D
Acq On : 02 Jul 2020 22:13
Operator : SY/MD
Sample : L3154-08
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4295

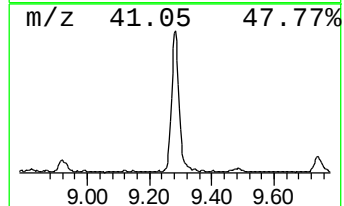
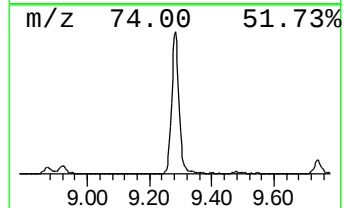
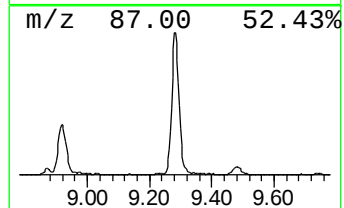
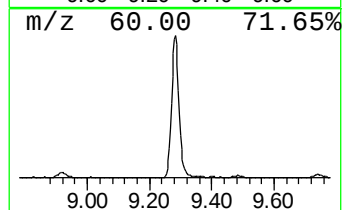
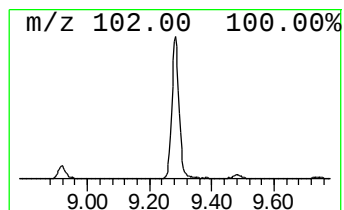
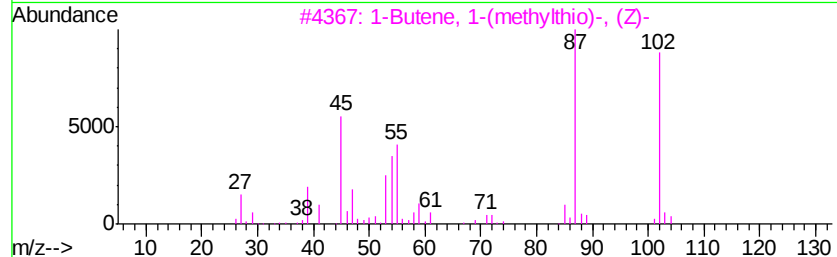
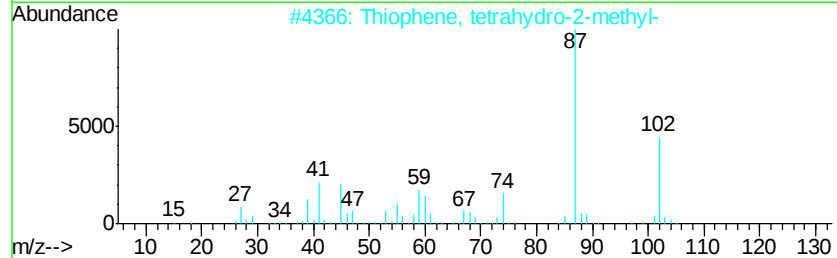
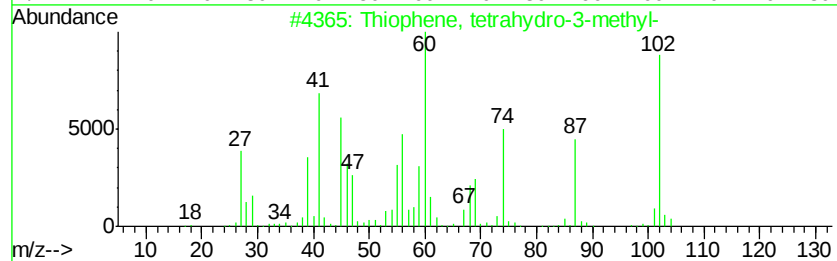
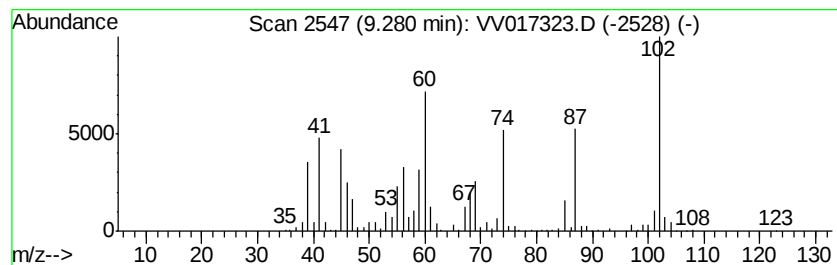
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Thiophene, tetrahydro-3-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	8.30 ug/L	813940	Chlorobenzene-d5	8.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	96
2			Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	52
3			1-Butene, 1-(methylthio)-, (Z)-	102	C5H10S	017414-15-2	49
4			Thietane, 2,4-dimethyl-	102	C5H10S	043044-24-2	43
5			2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070220\
Data File : VV017323.D
Acq On : 02 Jul 2020 22:13
Operator : SY/MD
Sample : L3154-08
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4295

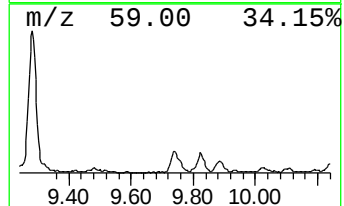
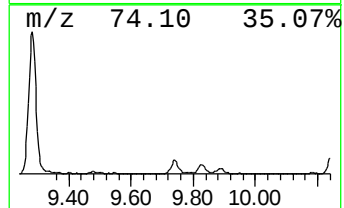
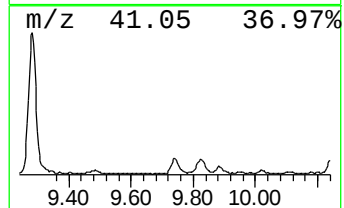
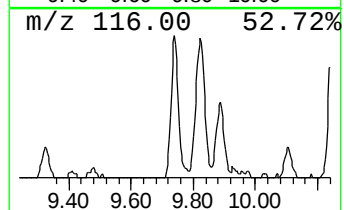
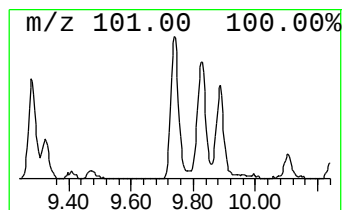
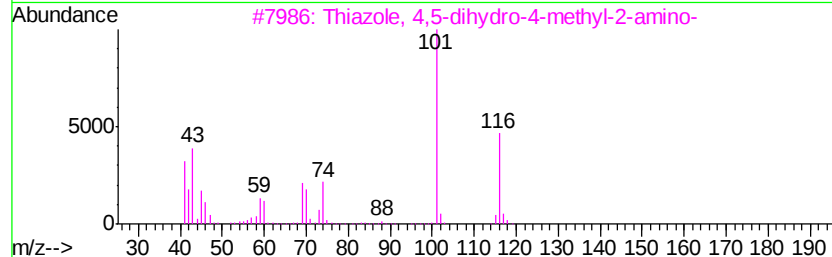
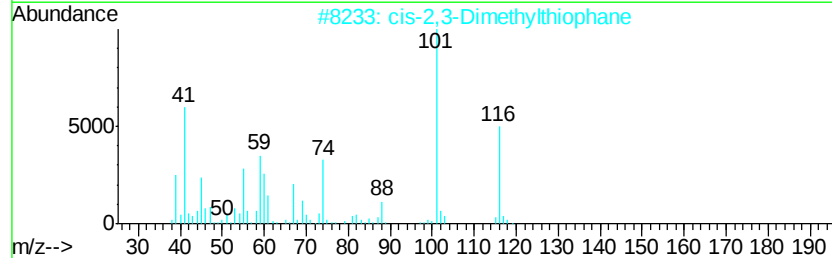
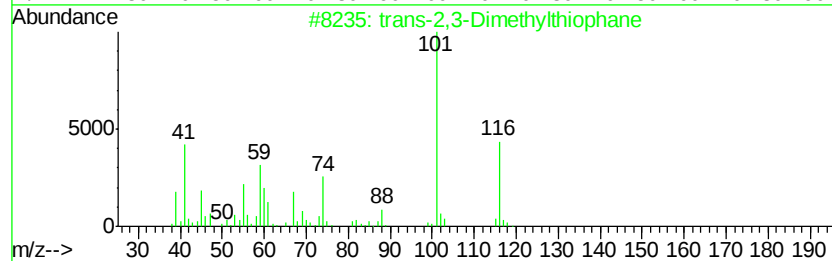
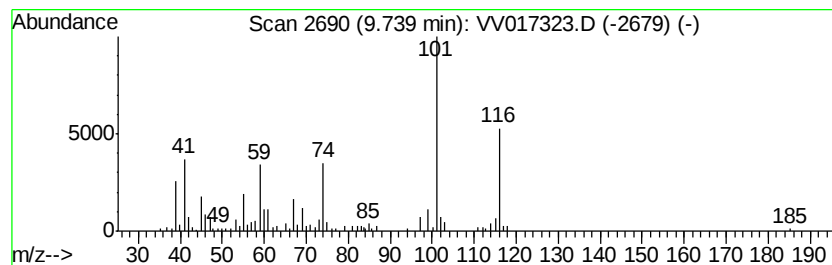
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 trans-2,3-Dimethylthiophane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	0.86 ug/L	84103	Chlorobenzene-d5	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	91
2		cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	87
3		Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	68
4		Allylthiourea	116	C4H8N2S	000109-57-9	53
5		1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070220\
Data File : VV017323.D
Acq On : 02 Jul 2020 22:13
Operator : SY/MD
Sample : L3154-08
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
H4295

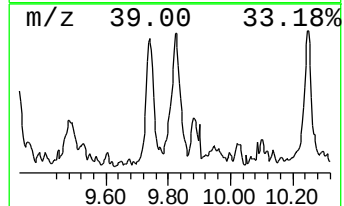
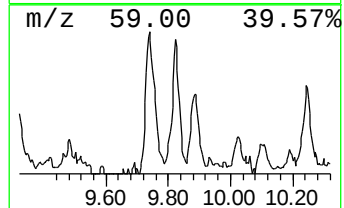
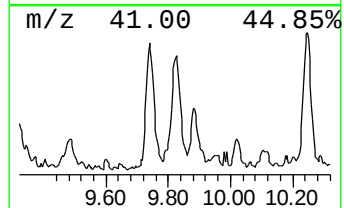
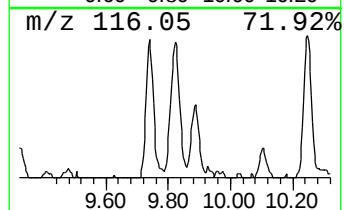
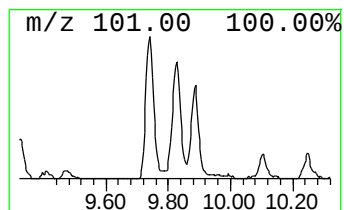
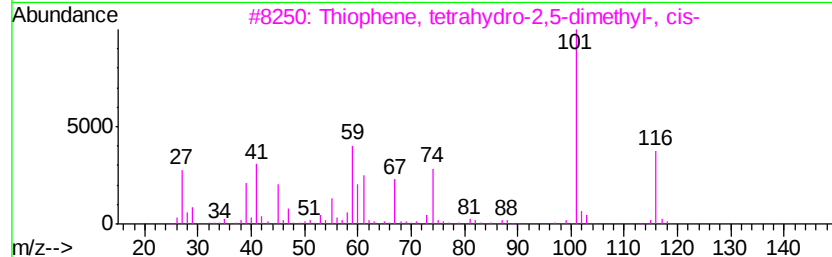
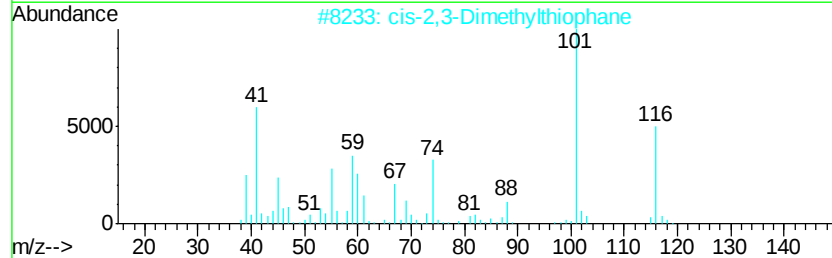
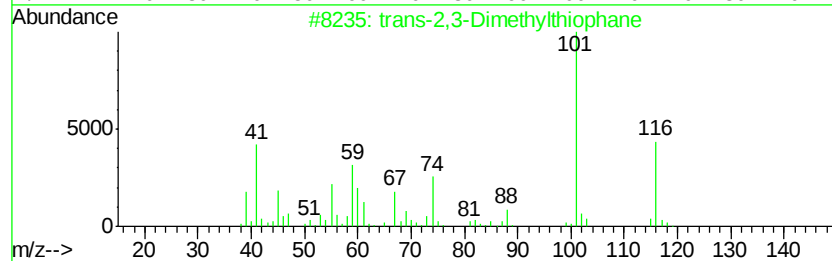
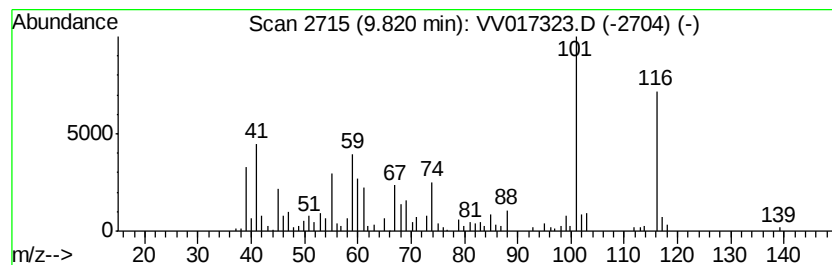
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 cis-2,3-Dimethylthiophane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	1.01 ug/L	98938	Chlorobenzene-d5	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	93
2		cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	87
3		Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	86
4		Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	72
5		2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070220\
Data File : VV017323.D
Acq On : 02 Jul 2020 22:13
Operator : SY/MD
Sample : L3154-08
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

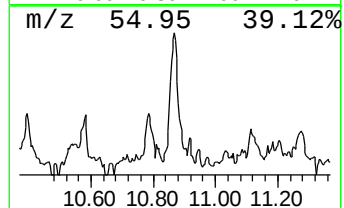
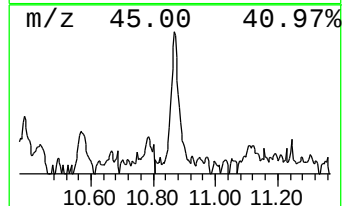
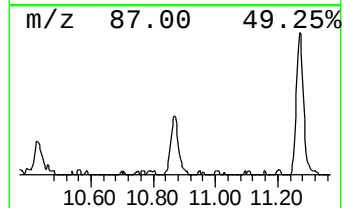
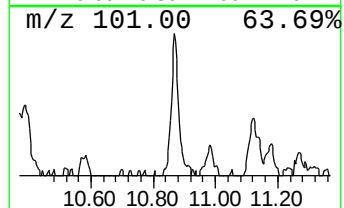
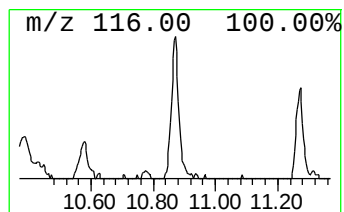
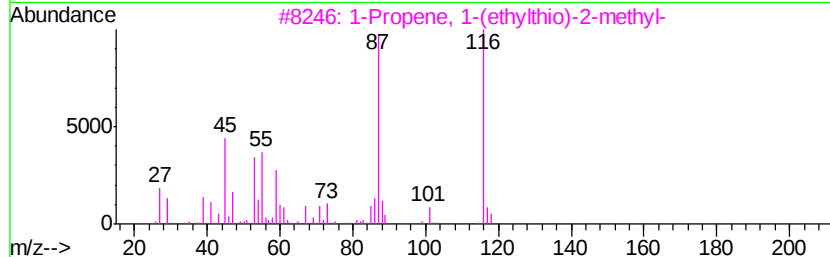
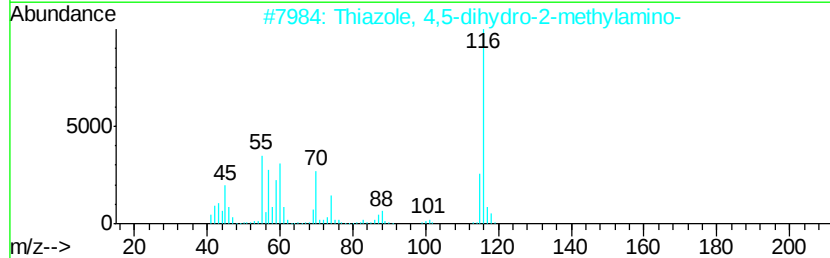
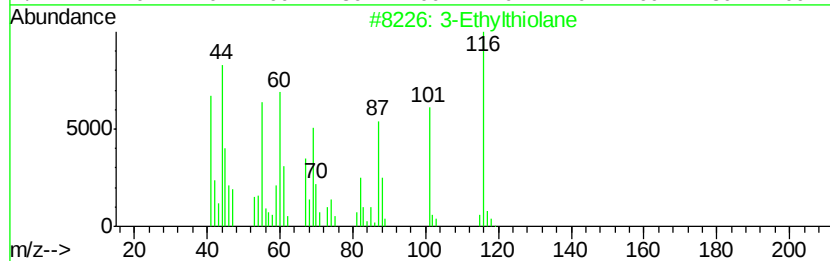
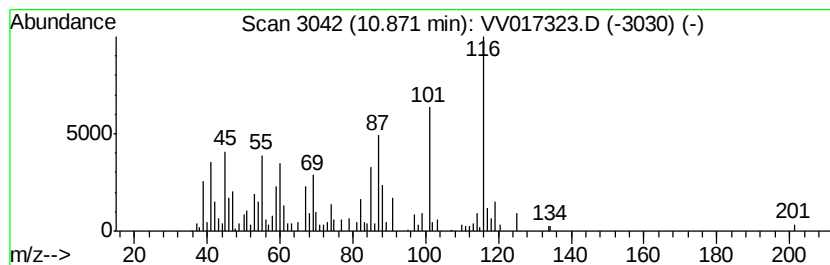
Instrument :
MSVOA_V
ClientSampleId :
H4295

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 3-Ethylthiolane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	0.68 ug/L	69757	1,4-Dichlorobenzene-d4	11.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Ethylthiolane	116 C6H12S	062184-67-2 64
2		Thiazole, 4,5-dihydro-2-methylam...	116 C4H8N2S	010416-51-0 50
3		1-Propene, 1-(ethylthio)-2-methyl-	116 C6H12S	027482-14-0 47
4		cis-2,3-Dimethylthiophane	116 C6H12S	005161-77-3 47
5		4-Imidazolidinone, 2-thioxo-	116 C3H4N2OS	000503-87-7 38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
 Data File : VV017323.D
 Acq On : 02 Jul 2020 22:13
 Operator : SY/MD
 Sample : L3154-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4295

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.22	1.5	ug/L	128505	1	5.64	427817	5.0
(DEL) Alkane: Str...	1.65	17.2	ug/L	1468260	1	5.64	427817	5.0
(DEL) Alkane: Str...	1.82	0.6	ug/L	49862	1	5.64	427817	5.0
(DEL) Alkane: Str...	2.51	2.6	ug/L	227032	1	5.64	427817	5.0
(DEL) Alkane: Cyc...	2.60	6.9	ug/L	591423	1	5.64	427817	5.0
(DEL) Alkane: Cyc...	3.78	2.5	ug/L	210091	1	5.64	427817	5.0
Furan, 2,3-dihydr...	3.87	0.9	ug/L	73245	1	5.64	427817	5.0
Cyclobutane, ethe...	5.24	0.6	ug/L	47738	1	5.64	427817	5.0
(DEL) Alkane: Str...	5.95	0.8	ug/L	64672	1	5.64	427817	5.0
Cyclopentene, 4,4...	6.83	0.9	ug/L	73227	1	5.64	427817	5.0
Thiophene, tetrah...	8.24	3.3	ug/L	321180	2	8.87	490602	5.0
Thiophene, tetrah...	9.28	8.3	ug/L	813940	2	8.87	490602	5.0
trans-2,3-Dimethy...	9.74	0.9	ug/L	84103	2	8.87	490602	5.0
cis-2,3-Dimethylt...	9.82	1.0	ug/L	98938	2	8.87	490602	5.0
3-Ethylthiolane	10.87	0.7	ug/L	69757	3	11.27	513300	5.0