

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008613.D
 Acq On : 04 May 2022 15:36
 Operator : KP/MD
 Sample : N2619-06
 Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB03-13-14-FT

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Title : SW846 8260

Signal : TIC: VY008613.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.247	62	70	81	rBV	667611	1051136	9.35%	2.629%
2	2.906	167	178	212	rVB	4821912	11241398	100.00%	28.113%
3	3.253	225	235	259	rBV	1110854	2535876	22.56%	6.342%
4	3.942	336	348	364	rBV	72551	237372	2.11%	0.594%
5	4.704	459	473	476	rBV	271735	833755	7.42%	2.085%
6	4.765	477	483	515	rVB3	510918	2055190	18.28%	5.140%
7	5.241	545	561	587	rBV	372235	1325073	11.79%	3.314%
8	5.747	631	644	661	rBV2	165411	517804	4.61%	1.295%
9	6.033	681	691	696	rVV	39845	119885	1.07%	0.300%
10	6.100	696	702	715	rVB2	43684	135066	1.20%	0.338%
11	6.795	804	816	840	rVB	825775	2609145	23.21%	6.525%
12	7.527	929	936	946	rVB2	63405	162250	1.44%	0.406%
13	7.716	957	967	972	rBV	98946	248743	2.21%	0.622%
14	7.789	972	979	987	rVV2	318610	811375	7.22%	2.029%
15	7.874	987	993	1005	rVB4	52104	147502	1.31%	0.369%
16	8.130	1025	1035	1051	rVB3	170790	616219	5.48%	1.541%
17	8.277	1051	1059	1064	rBV2	51567	123570	1.10%	0.309%
18	8.350	1064	1071	1077	rVV3	50960	148579	1.32%	0.372%
19	8.691	1117	1127	1140	rBV2	337554	769503	6.85%	1.924%
20	8.966	1168	1172	1184	rVB	54479	113422	1.01%	0.284%
21	9.185	1194	1208	1216	rBV2	140437	387339	3.45%	0.969%
22	9.709	1286	1294	1299	rBV2	85312	168844	1.50%	0.422%
23	10.179	1363	1371	1378	rBV	403093	697672	6.21%	1.745%
24	11.489	1579	1586	1593	rBV	394632	629763	5.60%	1.575%
25	11.593	1593	1603	1613	rVV	3607346	5476701	48.72%	13.696%
26	11.709	1613	1622	1632	rVB	1357826	2255277	20.06%	5.640%
27	12.331	1716	1724	1733	rBV	123658	185973	1.65%	0.465%
28	12.483	1742	1749	1759	rVB2	317797	509680	4.53%	1.275%
29	12.672	1774	1780	1785	rBV	223443	322510	2.87%	0.807%
30	12.733	1785	1790	1793	rVV	229959	358793	3.19%	0.897%
31	12.770	1793	1796	1799	rVV	235829	325692	2.90%	0.814%
32	12.812	1799	1803	1814	rVB	204677	308311	2.74%	0.771%
33	12.971	1821	1829	1837	rBV	323745	487604	4.34%	1.219%
34	13.123	1847	1854	1860	rBV	678244	990984	8.82%	2.478%
35	13.428	1897	1904	1907	rBV	319005	510848	4.54%	1.278%
36	13.459	1907	1909	1920	rVB	131715	167830	1.49%	0.420%

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
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37	13.629	1926	1937	1952	rBV	241372	400057	3.56%	1.000%
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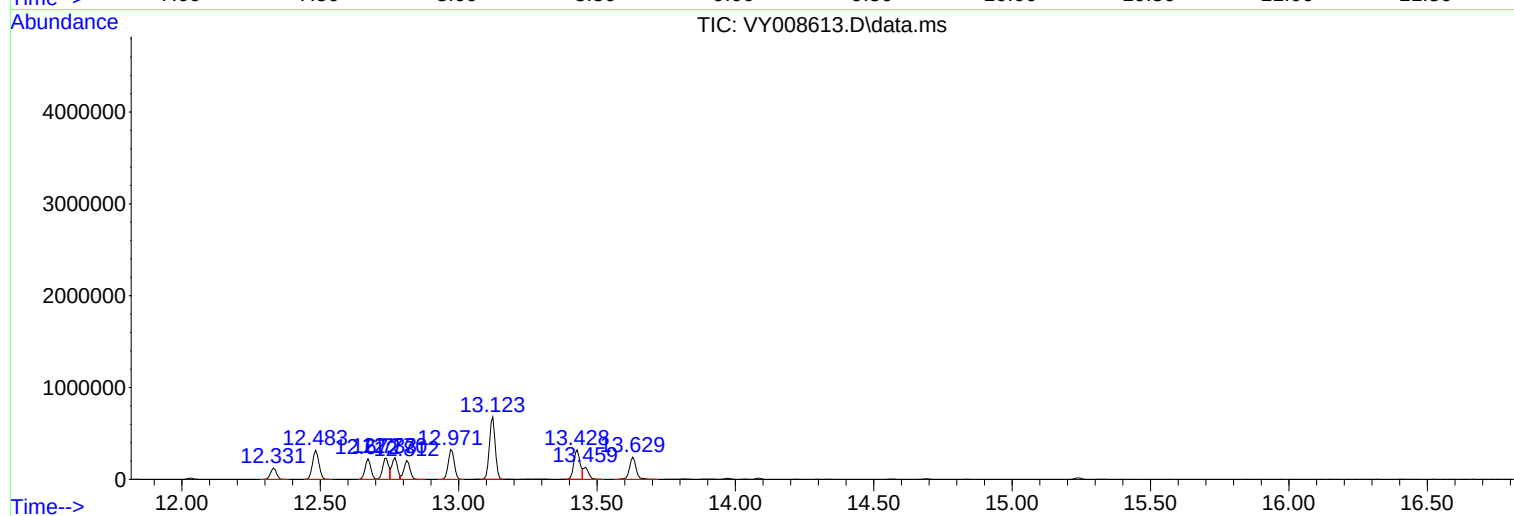
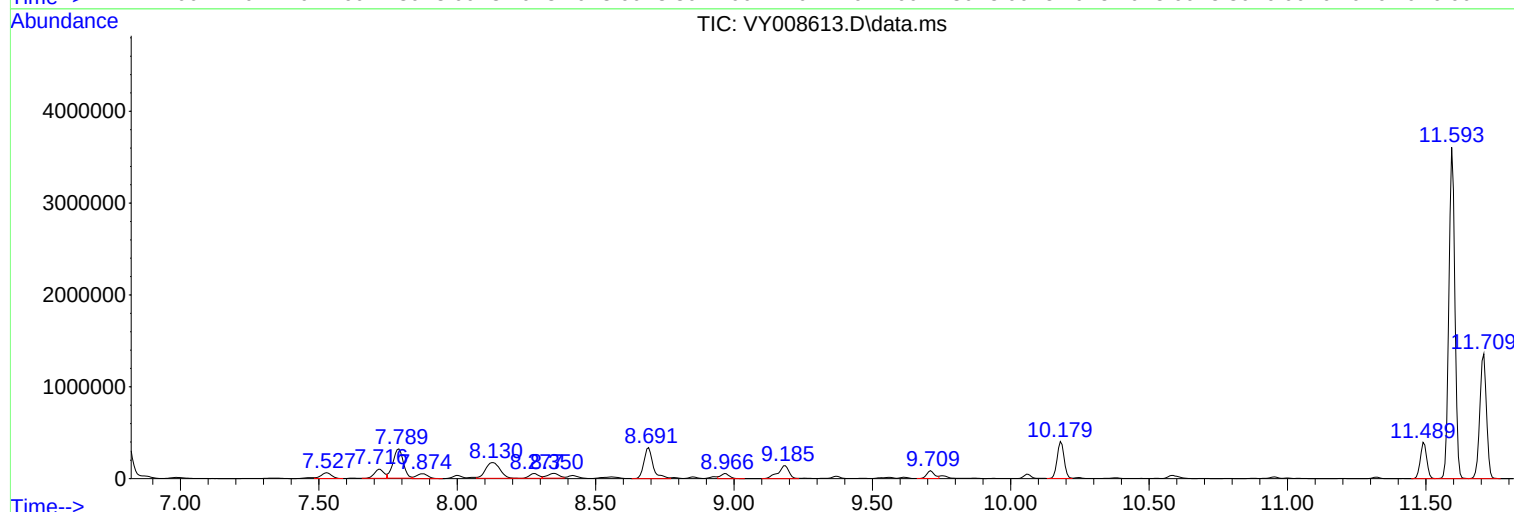
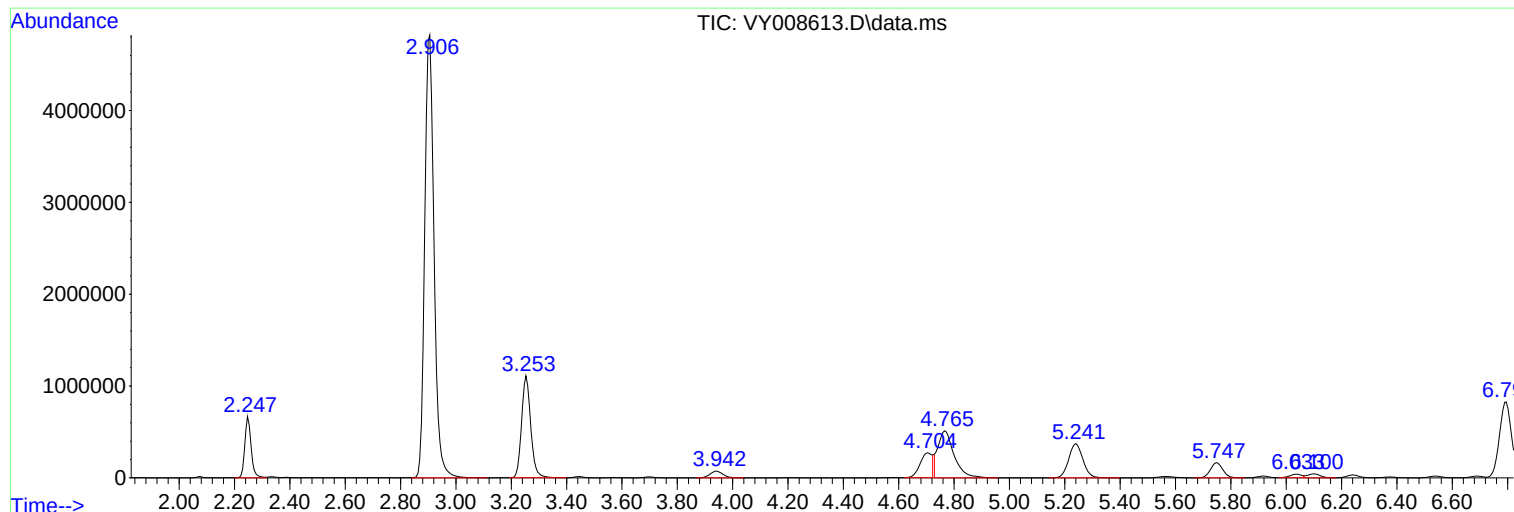
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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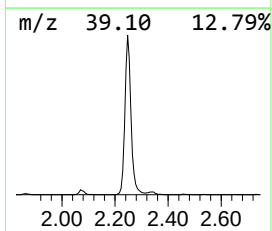
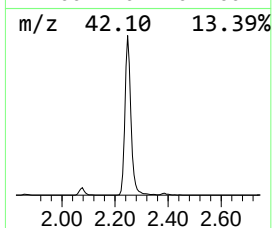
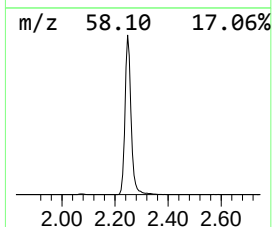
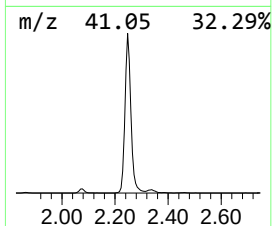
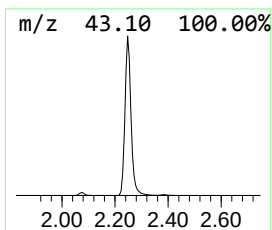
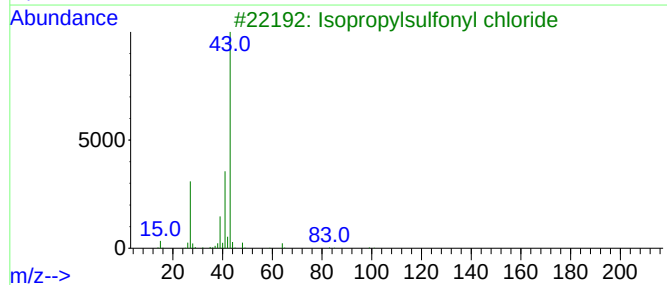
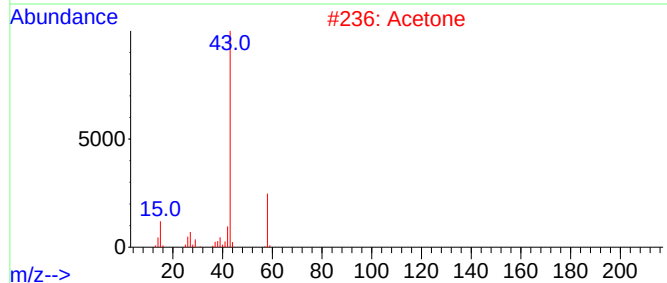
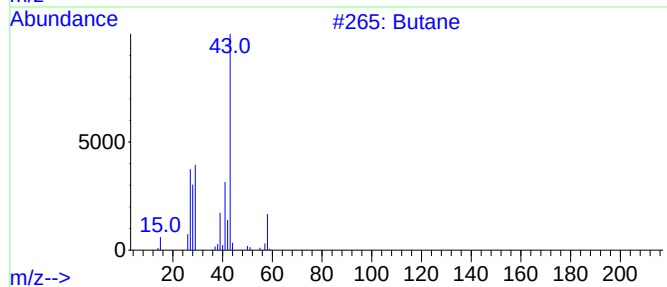
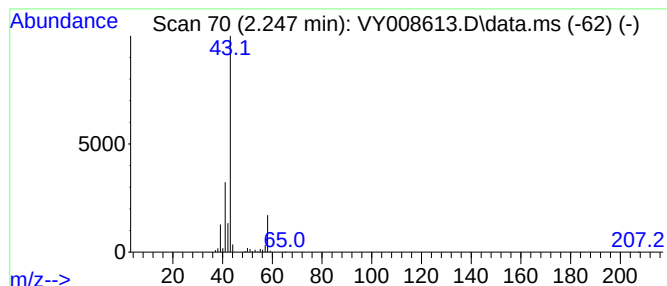
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.247	64.78 ug/l	1051140	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane	58	C4H10	000106-97-8	80
2			Acetone	58	C3H6O	000067-64-1	9
3			Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
4			Isobutane	58	C4H10	000075-28-5	9
5			Cyclobutylamine	71	C4H9N	002516-34-9	4



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Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB03-13-14-FT

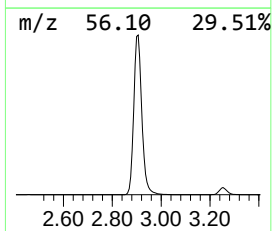
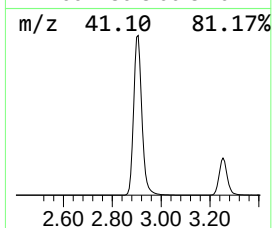
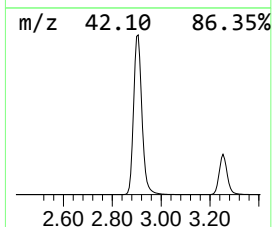
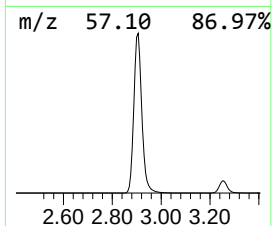
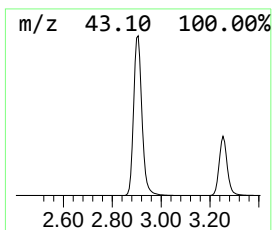
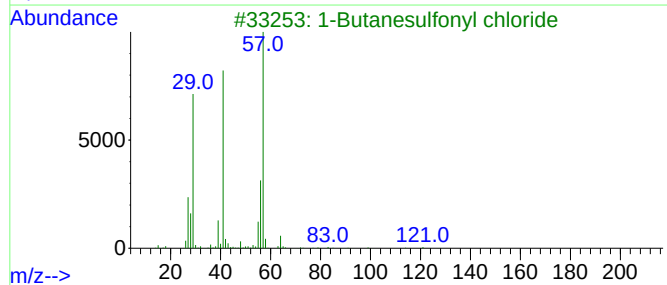
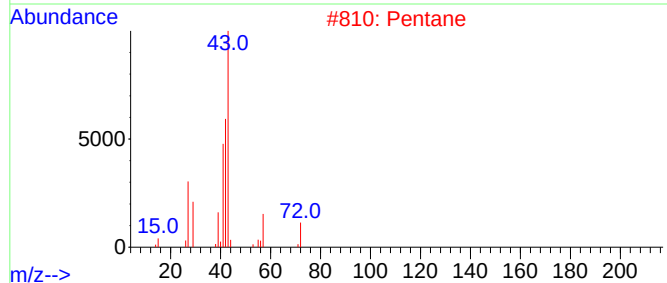
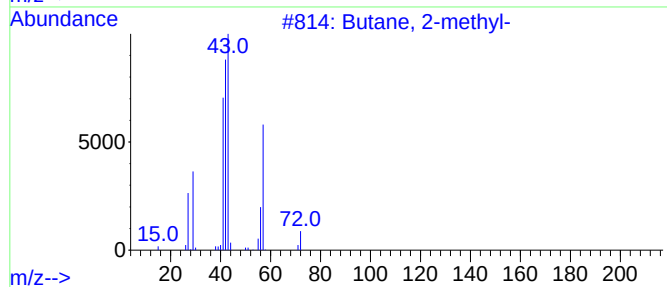
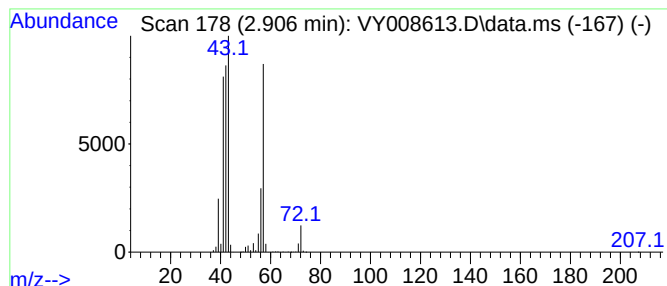
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.906	692.74 ug/l	11241400	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	90
2			Pentane	72	C5H12	000109-66-0	45
3			1-Butanesulfonyl chloride	156	C4H9ClO2S	002386-60-9	12
4			1-Butene	56	C4H8	000106-98-9	10
5			Butane, 2-nitro-	103	C4H9NO2	000600-24-8	10



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB03-13-14-FT

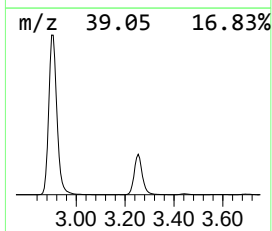
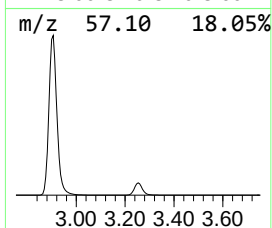
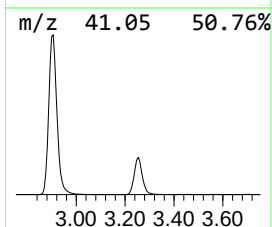
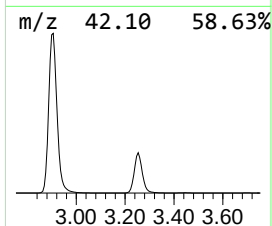
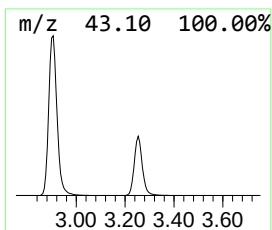
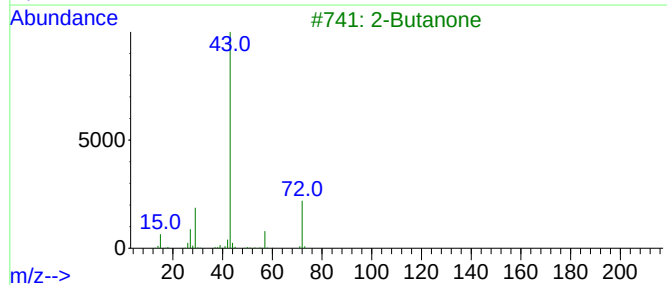
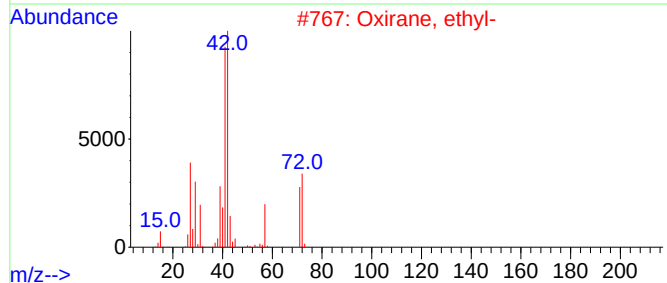
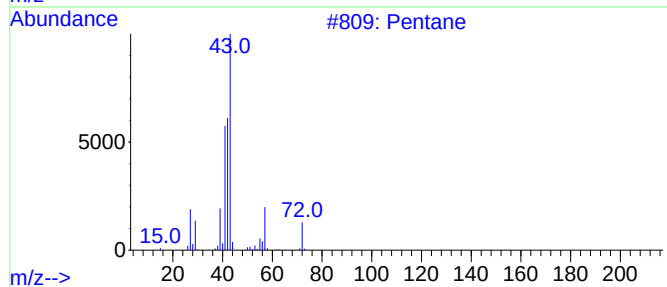
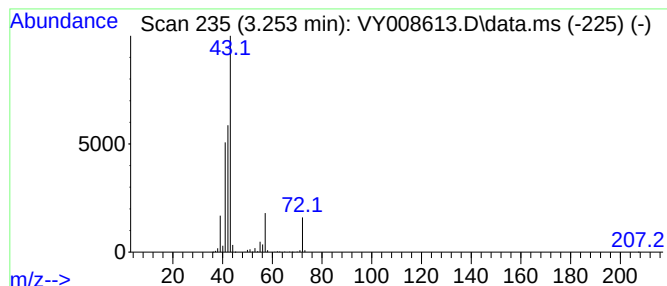
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.253	156.27 ug/l	2535880	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane	72	C5H12	000109-66-0	91
2			Oxirane, ethyl-	72	C4H8O	000106-88-7	40
3			2-Butanone	72	C4H8O	000078-93-3	35
4			Tetrahydrofuran	72	C4H8O	000109-99-9	9
5			Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	9



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB03-13-14-FT

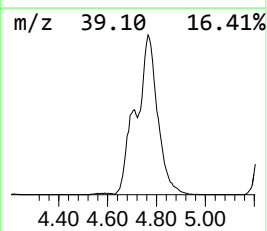
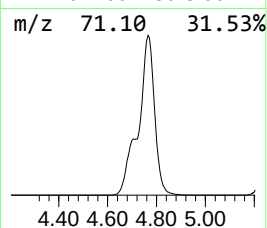
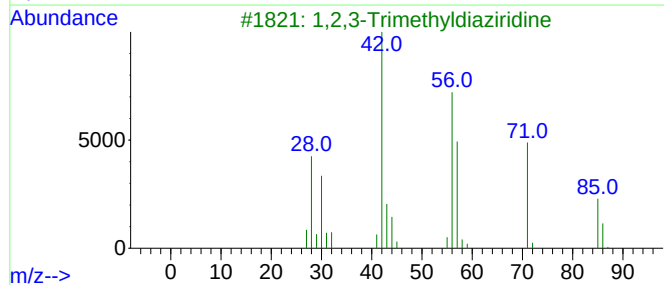
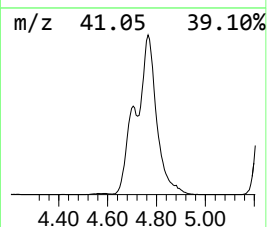
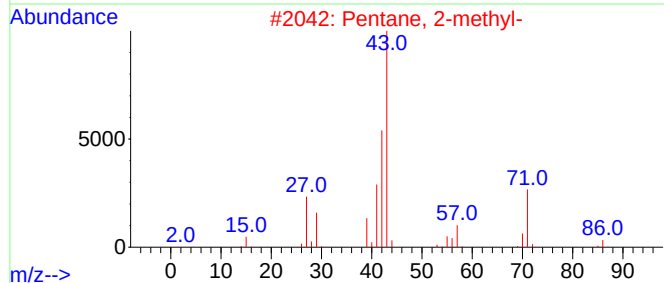
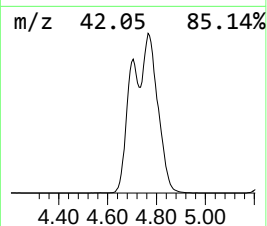
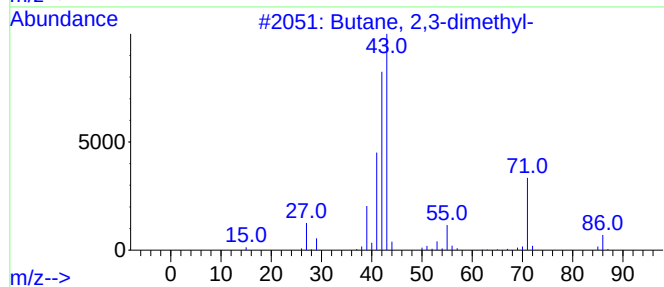
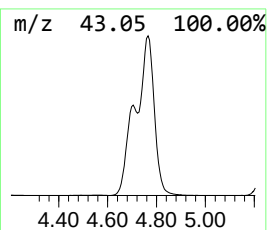
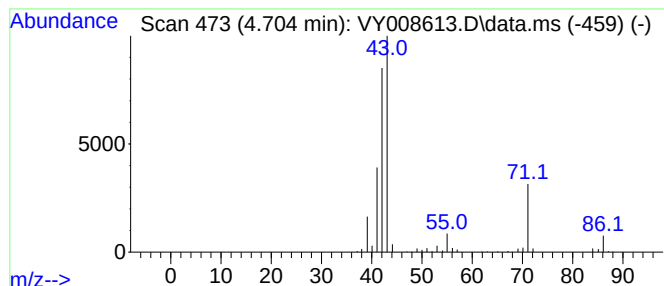
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butane, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.704	51.38 ug/l	833755	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	59
3			1,2,3-Trimethyldiaziridine	86	C4H10N2	113604-56-1	38
4			Pyrrolidine	71	C4H9N	000123-75-1	22
5			C2H5C(CH3)2COCH3	114	C7H14O	020669-04-9	12



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB03-13-14-FT

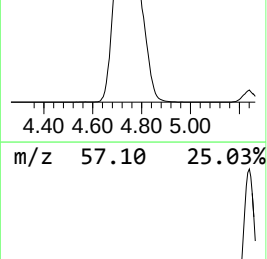
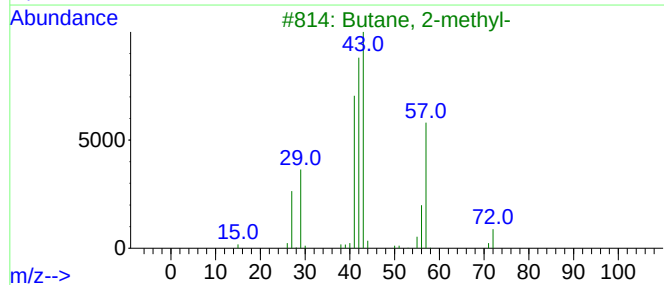
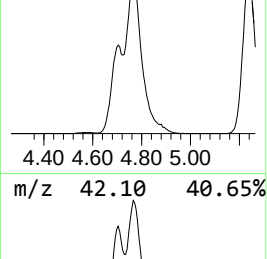
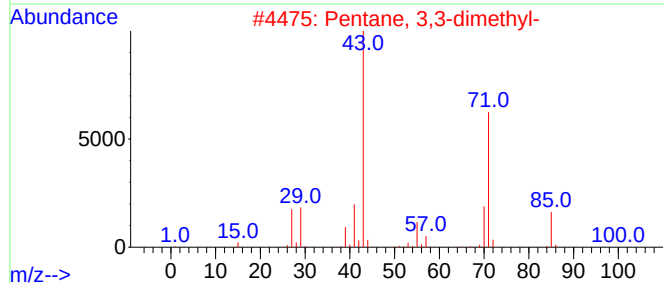
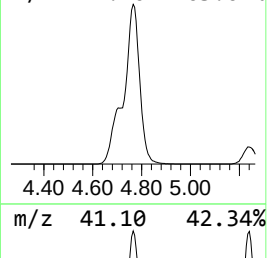
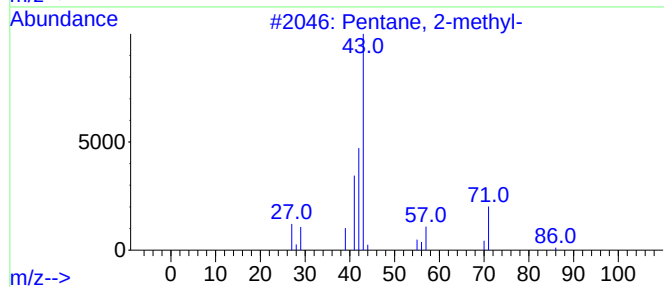
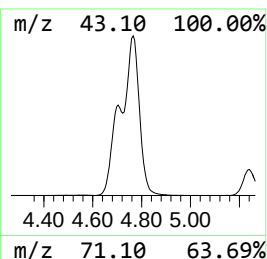
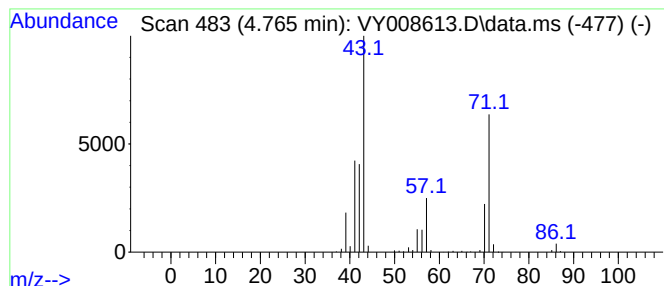
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.765	126.65 ug/l	2055190	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	72
2			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	47
3			Butane, 2-methyl-	72	C5H12	000078-78-4	38
4			Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	36
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	23



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008613.D
Acq On : 04 May 2022 15:36
Operator : KP/MD
Sample : N2619-06
Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB03-13-14-FT

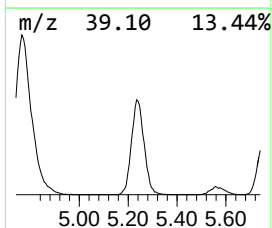
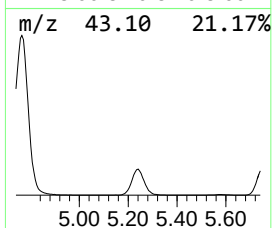
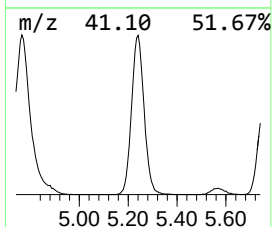
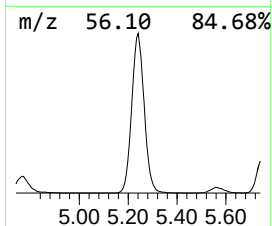
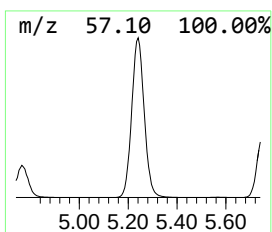
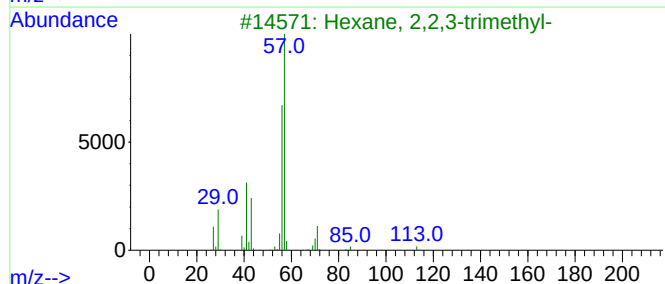
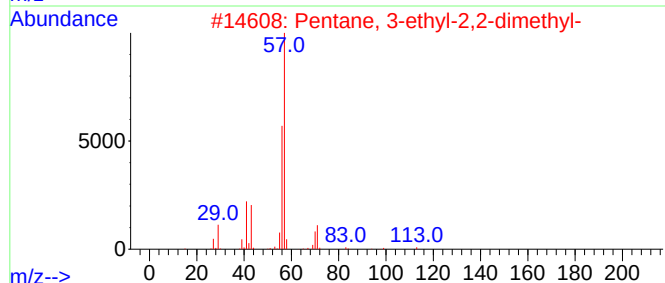
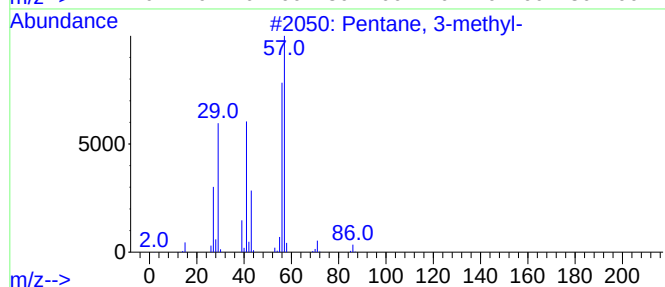
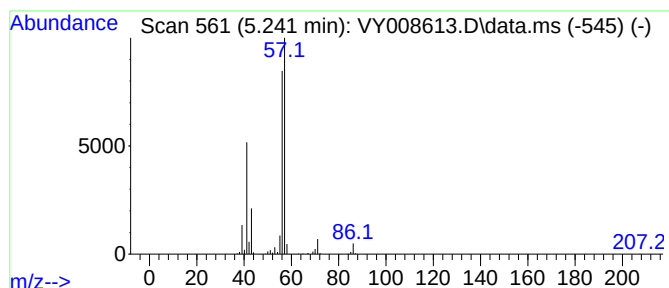
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pentane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.241	81.66 ug/l	1325070	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
3			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
4			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5			Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008613.D
Acq On : 04 May 2022 15:36
Operator : KP/MD
Sample : N2619-06
Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB03-13-14-FT

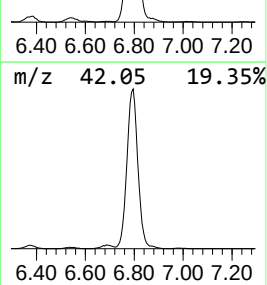
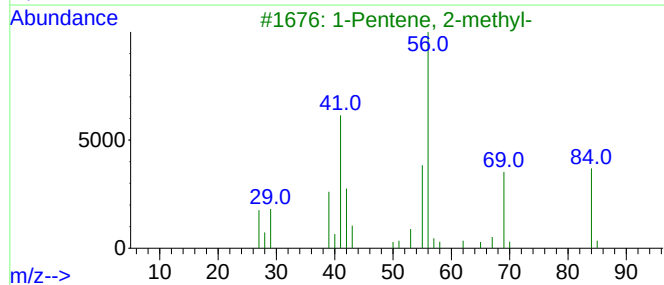
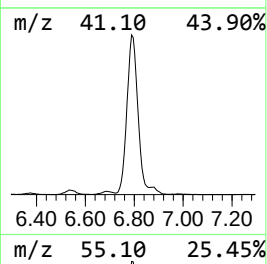
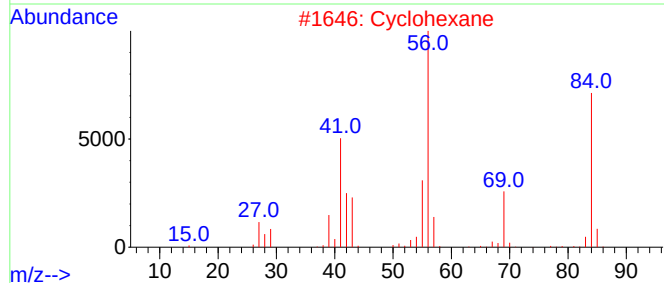
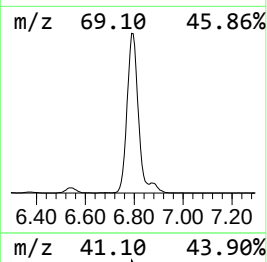
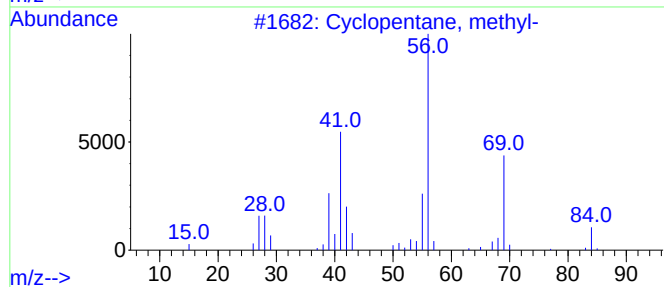
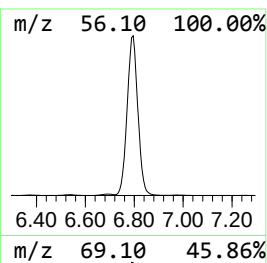
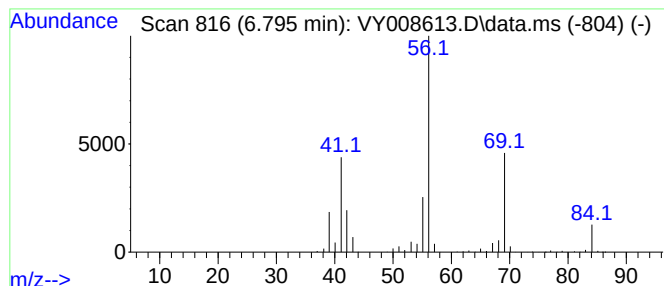
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.795	160.79 ug/l	2609150	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2			Cyclohexane	84	C6H12	000110-82-7	78
3			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
4			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5			Cyclobutane, ethyl-	84	C6H12	004806-61-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008613.D
Acq On : 04 May 2022 15:36
Operator : KP/MD
Sample : N2619-06
Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB03-13-14-FT

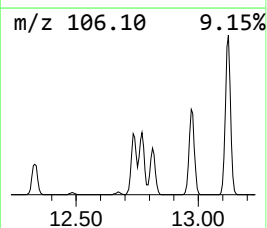
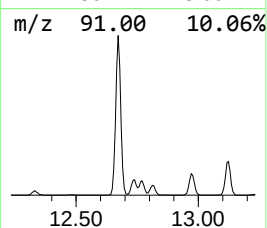
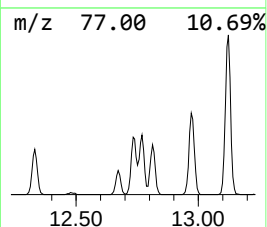
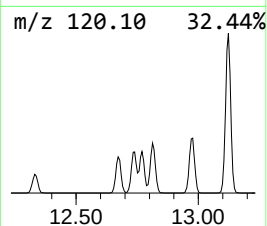
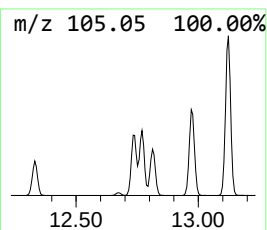
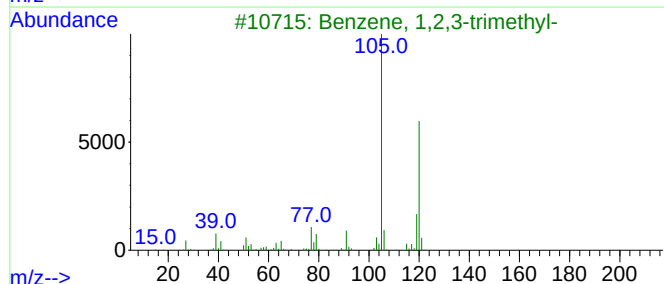
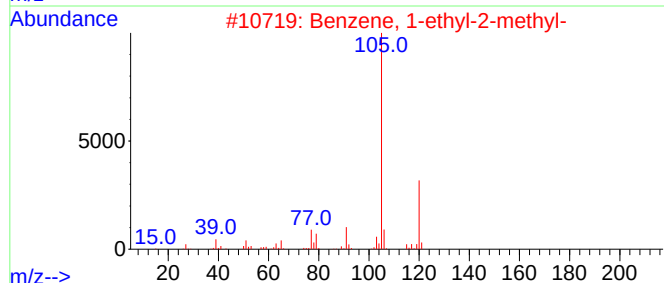
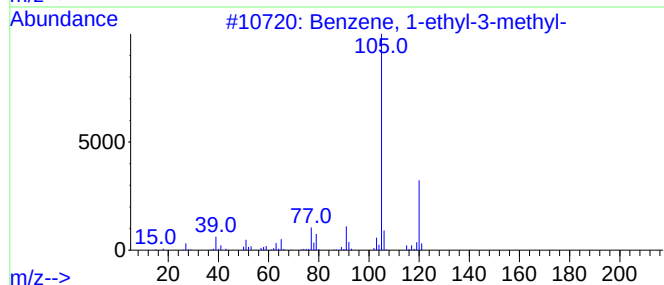
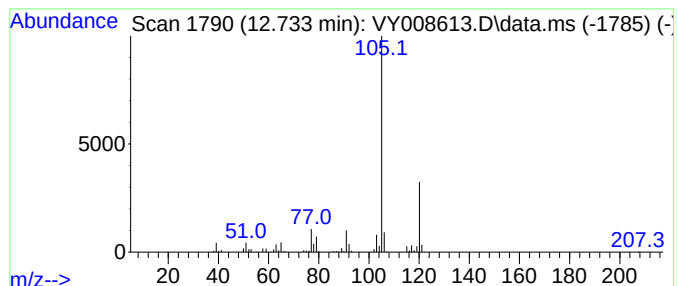
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	35.12 ug/l	358793	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008613.D
Acq On : 04 May 2022 15:36
Operator : KP/MD
Sample : N2619-06
Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB03-13-14-FT

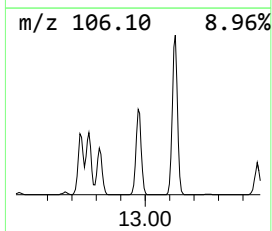
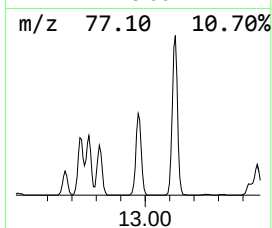
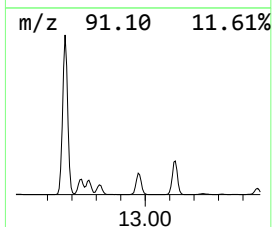
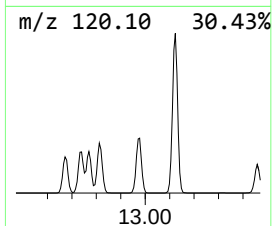
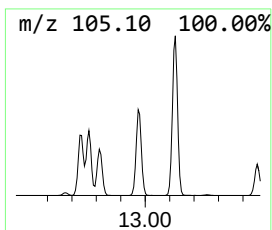
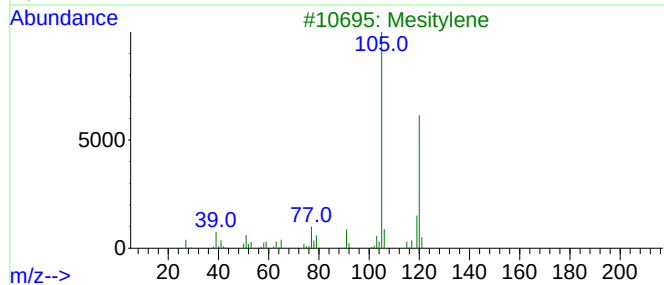
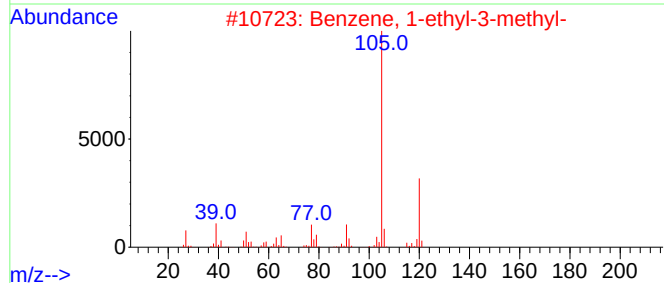
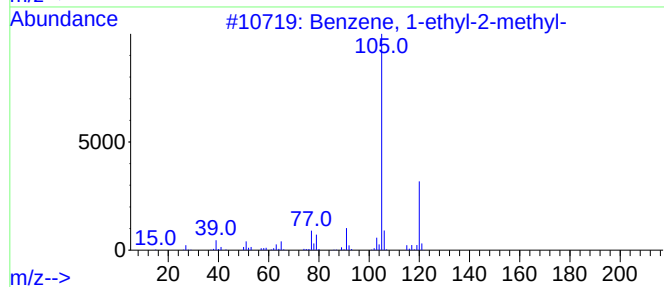
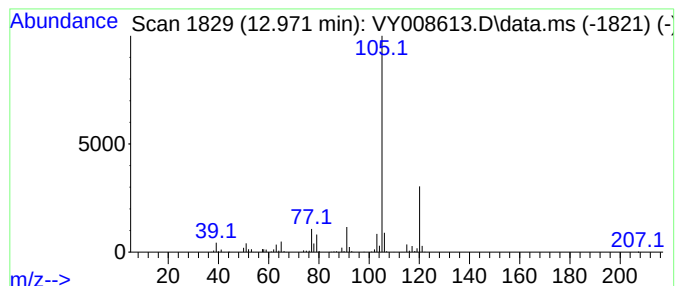
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	47.73 ug/l	487604	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3			Mesitylene	120	C9H12	000108-67-8	90
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008613.D
Acq On : 04 May 2022 15:36
Operator : KP/MD
Sample : N2619-06
Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB03-13-14-FT

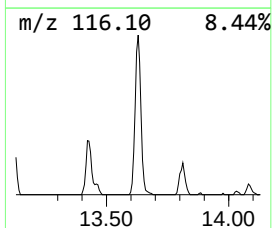
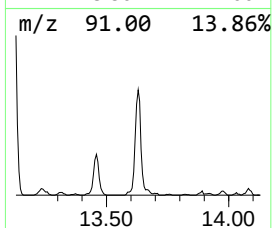
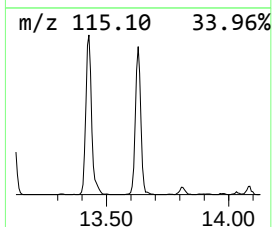
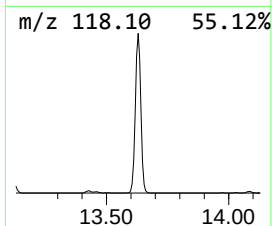
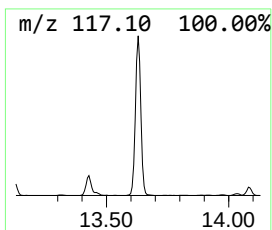
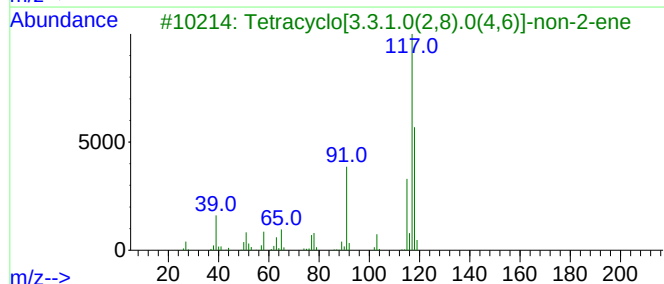
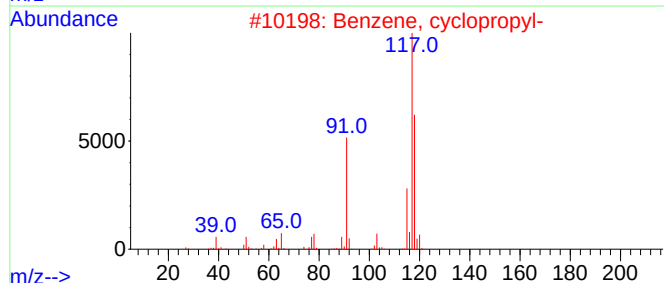
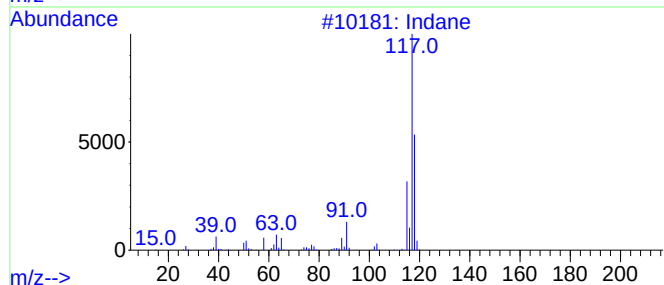
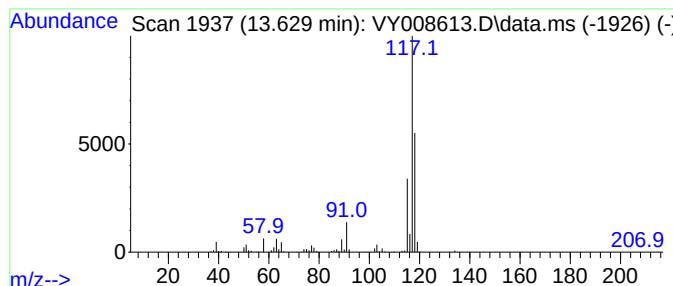
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	39.16 ug/l	400057	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	95
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4			Deltacyclene	118	C9H10	007785-10-6	72
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008613.D
Acq On : 04 May 2022 15:36
Operator : KP/MD
Sample : N2619-06
Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB03-13-14-FT

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Butane, 2-methyl-	2.906	692.7	ug/l	11241400	1	7.789	811375	50.0
Pentane	3.253	156.3	ug/l	2535880	1	7.789	811375	50.0
Butane, 2,3-dim...	4.704	51.4	ug/l	833755	1	7.789	811375	50.0
Pentane, 2-methyl-	4.765	126.7	ug/l	2055190	1	7.789	811375	50.0
Pentane, 3-methyl-	5.241	81.7	ug/l	1325070	1	7.789	811375	50.0
Cyclopentane, m...	6.795	160.8	ug/l	2609150	1	7.789	811375	50.0
Benzene, 1-ethy...	12.733	35.1	ug/l	358793	4	13.428	510848	50.0
Benzene, 1-ethy...	12.971	47.7	ug/l	487604	4	13.428	510848	50.0
Indane	13.629	39.2	ug/l	400057	4	13.428	510848	50.0