

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017239.D
 Acq On : 05 Feb 2024 19:12
 Operator : SY/MD
 Sample : P1141-09
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-2-0-2

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\82Y020124S.M
 Title : SW846 8260

Signal : TIC: VY017239.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.906	168	178	189	rBV	68275	153129	10.08%	2.111%
2	4.710	461	474	499	rVB2	18099	74886	4.93%	1.032%
3	6.692	788	799	812	rBV2	35050	114749	7.56%	1.582%
4	6.984	837	847	856	rBV2	5363	17864	1.18%	0.246%
5	7.722	958	968	974	rBV	53200	131607	8.67%	1.814%
6	7.795	974	980	986	rVV	106149	241986	15.93%	3.335%
7	7.880	986	994	1007	rVB	107488	273304	18.00%	3.767%
8	8.149	1027	1038	1051	rVV	53917	118842	7.83%	1.638%
9	8.331	1056	1068	1082	rBV	372635	880494	57.98%	12.136%
10	8.697	1119	1128	1139	rBV	201750	401922	26.46%	5.540%
11	9.197	1197	1210	1214	rBV	38164	76805	5.06%	1.059%
12	9.252	1214	1219	1225	rVV	47534	91526	6.03%	1.262%
13	9.325	1225	1231	1241	rVB2	33606	70460	4.64%	0.971%
14	9.624	1271	1280	1291	rVB	222374	429362	28.27%	5.918%
15	9.758	1291	1302	1309	rBV2	179813	388143	25.56%	5.350%
16	9.947	1325	1333	1341	rBV2	8988	20605	1.36%	0.284%
17	10.118	1349	1361	1367	rBV	73363	132202	8.70%	1.822%
18	10.185	1367	1372	1377	rVV	250405	427363	28.14%	5.890%
19	10.252	1377	1383	1397	rVB	902470	1518713	100.00%	20.933%
20	10.587	1431	1438	1442	rBV3	7869	15670	1.03%	0.216%
21	10.642	1442	1447	1455	rVB2	14229	25818	1.70%	0.356%
22	11.496	1580	1587	1594	rBV	336268	557686	36.72%	7.687%
23	11.575	1596	1600	1601	rVV	13472	20092	1.32%	0.277%
24	11.599	1601	1604	1615	rVV	23875	40292	2.65%	0.555%
25	11.709	1615	1622	1626	rVV	20072	38884	2.56%	0.536%
26	11.752	1626	1629	1640	rVB	10236	16256	1.07%	0.224%
27	12.038	1670	1676	1682	rVB2	8265	15265	1.01%	0.210%
28	12.489	1741	1750	1758	rBV2	197231	352332	23.20%	4.856%
29	12.636	1768	1774	1778	rBV	9917	16933	1.11%	0.233%
30	12.843	1800	1808	1813	rVV3	11654	28301	1.86%	0.390%
31	13.129	1851	1855	1860	rBV	13292	19722	1.30%	0.272%
32	13.288	1869	1881	1886	rBV	11321	25694	1.69%	0.354%
33	13.434	1896	1905	1910	rBV	292398	465621	30.66%	6.418%
34	13.489	1910	1914	1920	rVB2	15650	33481	2.20%	0.461%
35	13.648	1934	1940	1947	rBV5	7532	19264	1.27%	0.266%

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EB-2-0-2

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\82Y020124S.M
Title : SW846 8260

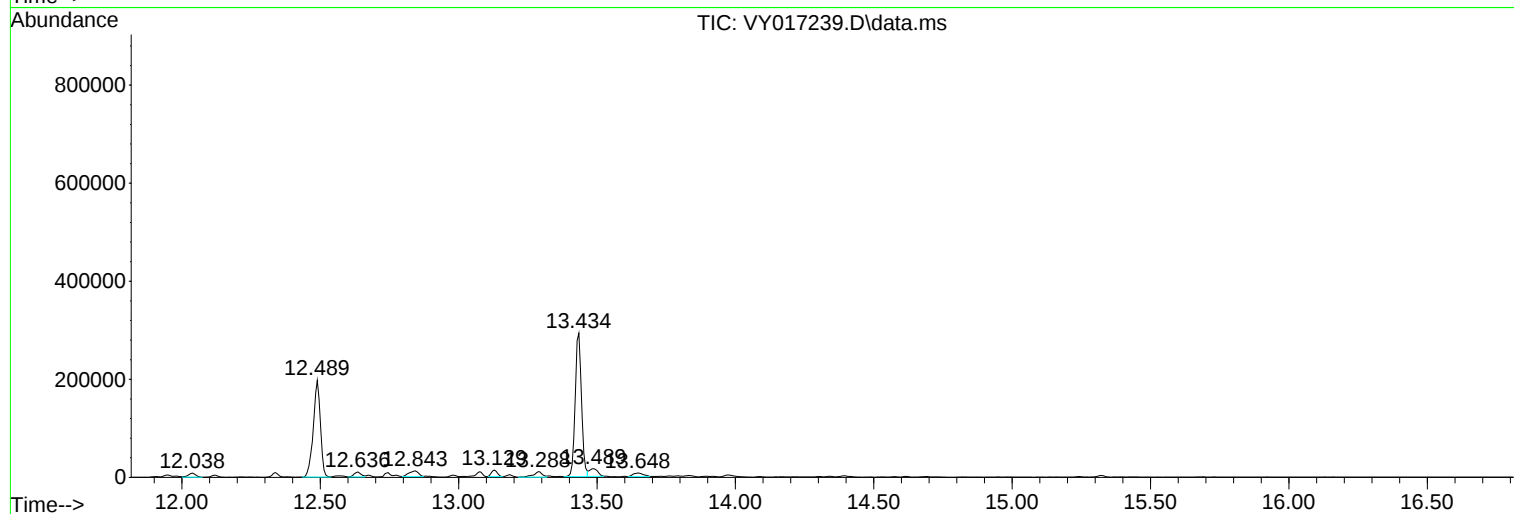
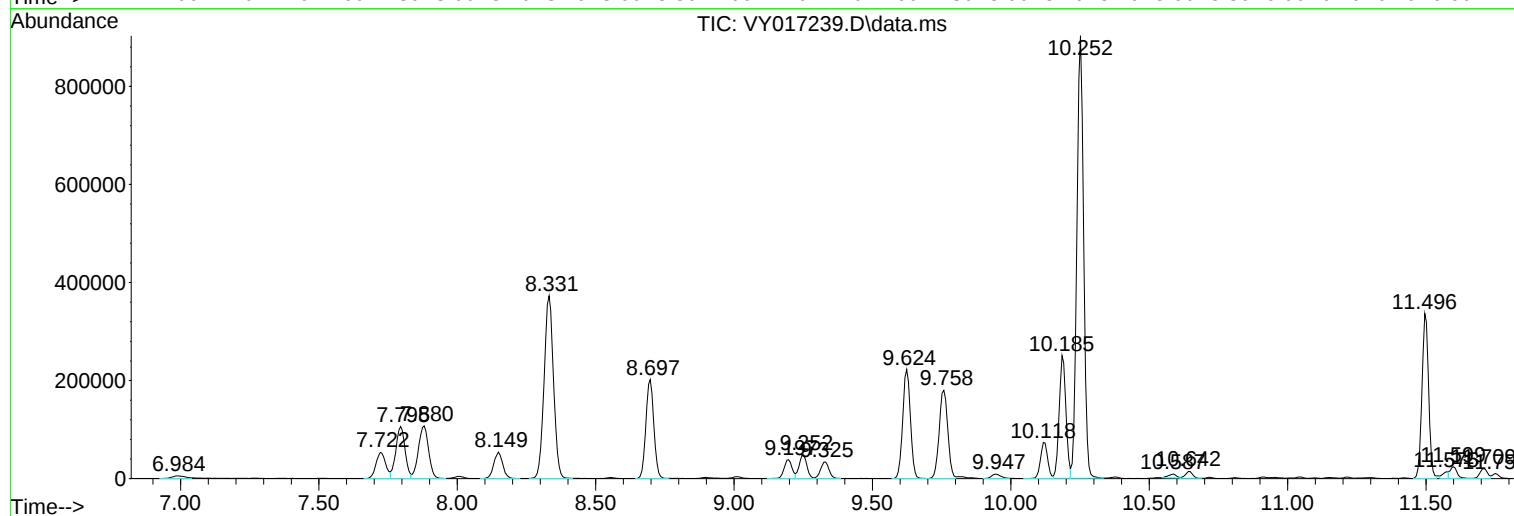
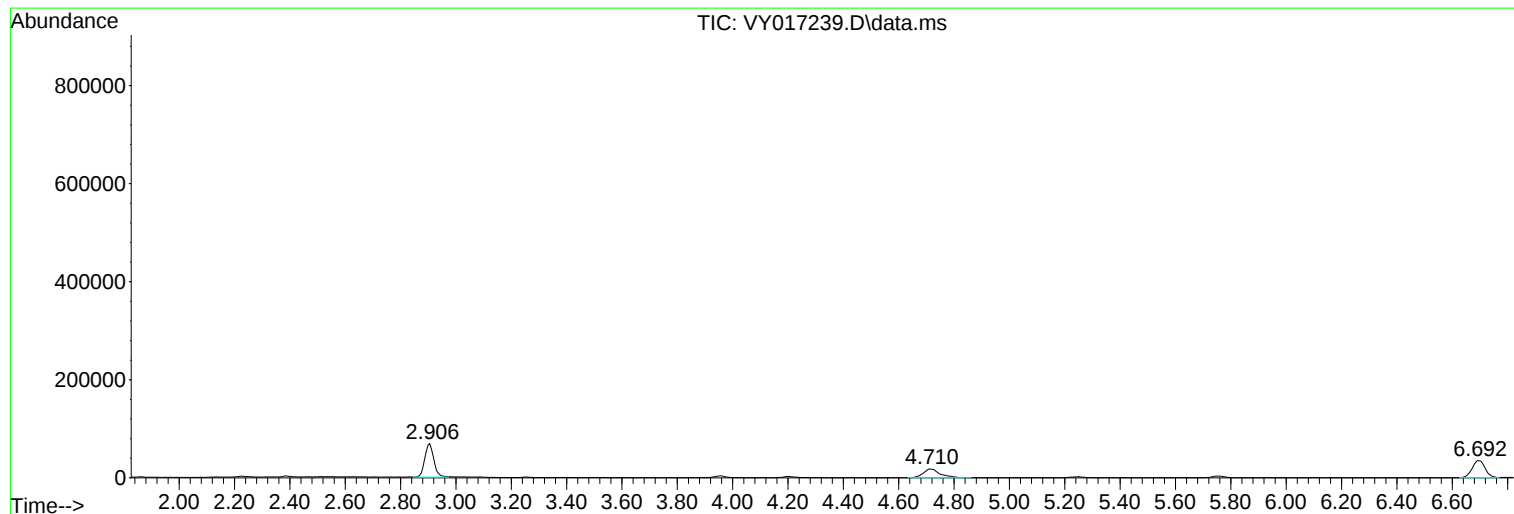
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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



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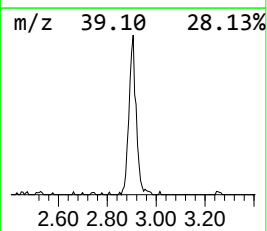
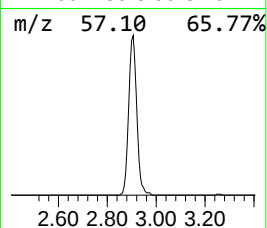
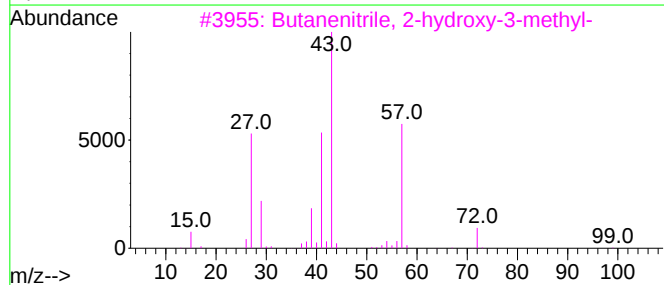
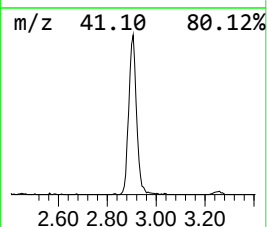
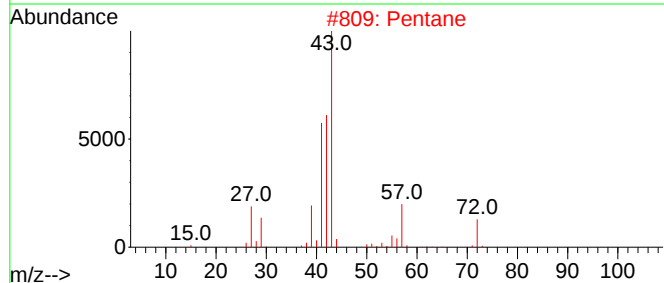
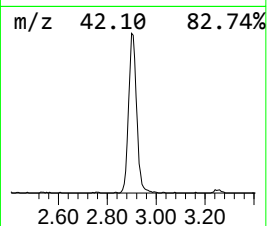
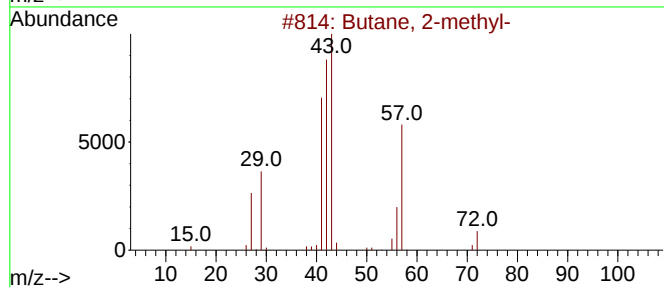
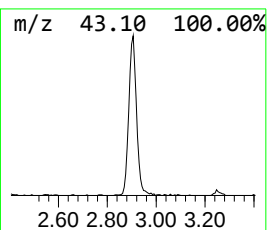
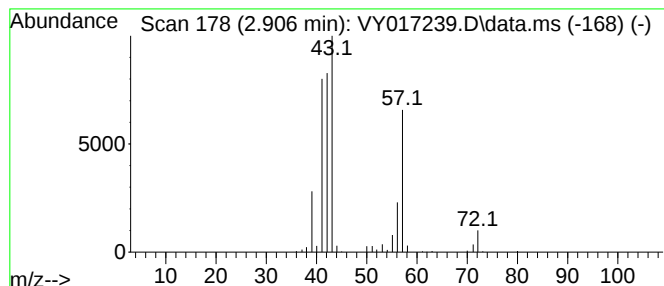
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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

Peak Number 1 Butane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.906	31.64 ug/l	153129	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	91
2			Pentane	72	C5H12	000109-66-0	37
3			Butanenitrile, 2-hydroxy-3-methyl-	99	C5H9NO	010021-64-4	10
4			Methane, isocyanato-	57	C2H3NO	000624-83-9	9
5			1-Butene	56	C4H8	000106-98-9	9



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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2

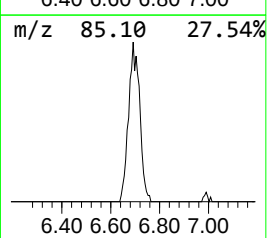
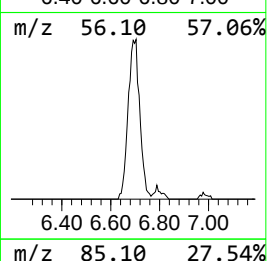
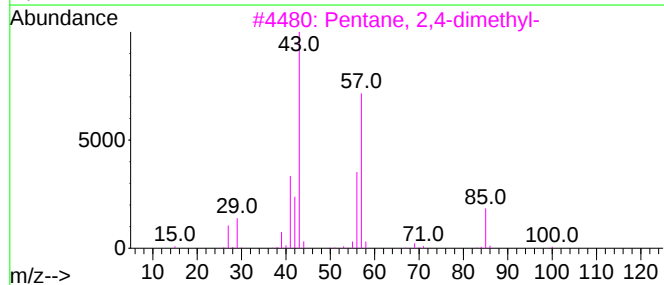
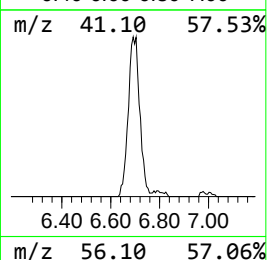
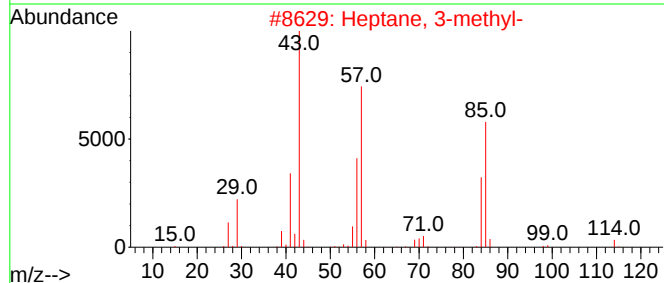
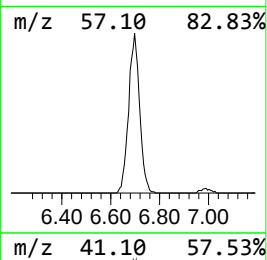
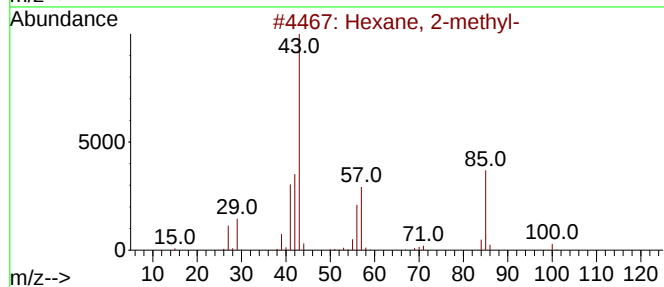
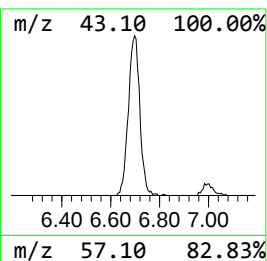
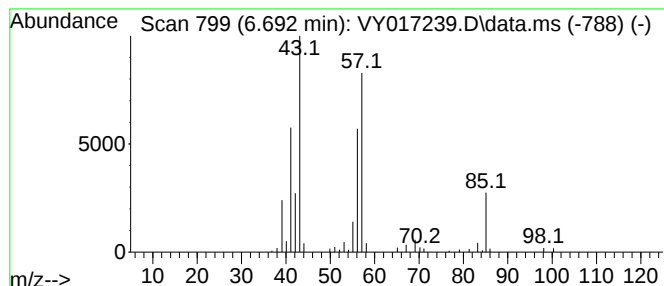
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Peak Number 2 Hexane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.692	23.71 ug/l	114749	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2-methyl-	100	C7H16	000591-76-4	78
2			Heptane, 3-methyl-	114	C8H18	000589-81-1	64
3			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	59
4			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47



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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EB-2-0-2

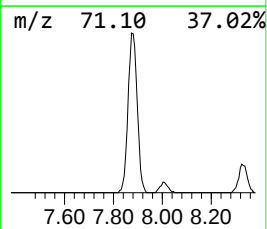
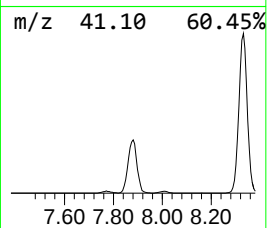
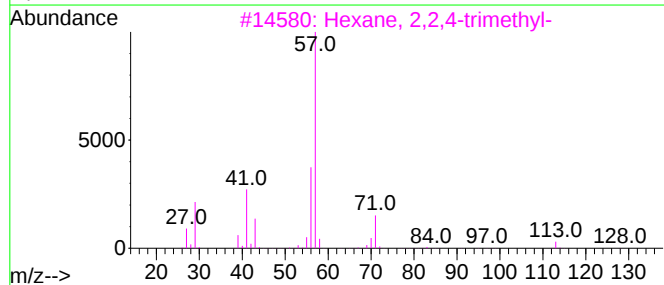
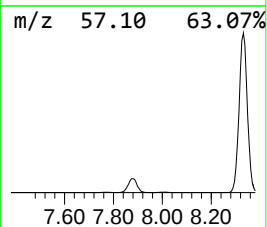
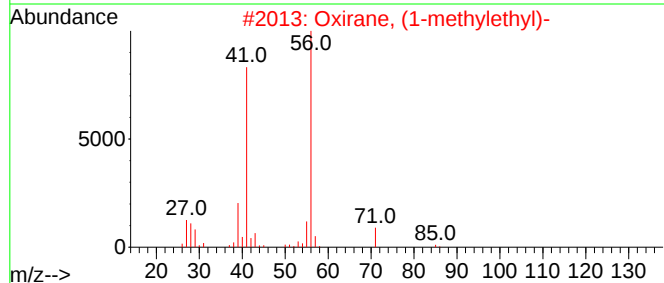
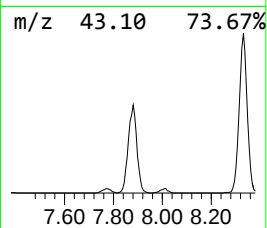
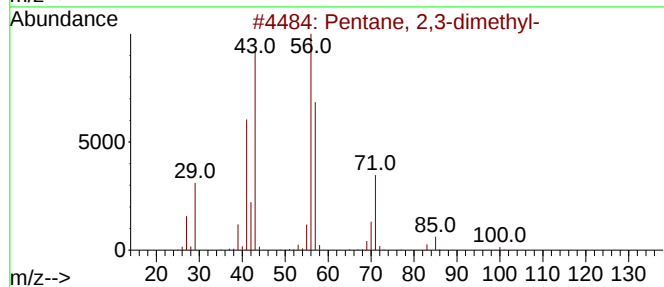
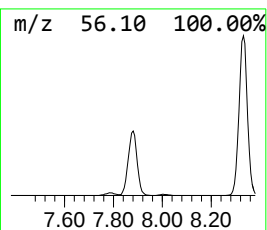
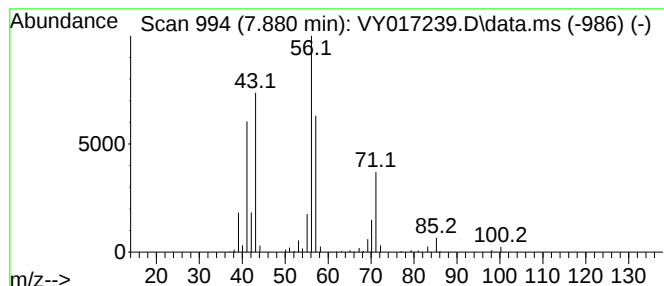
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.880	56.47 ug/l	273304	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2			Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	47
3			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	45
4			1-Hexene, 2-methyl-	98	C7H14	006094-02-6	38
5			Aziridine, 2-methyl-	57	C3H7N	000075-55-8	38



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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2

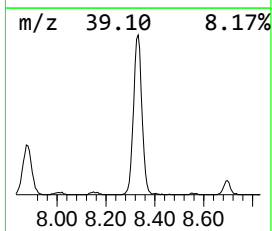
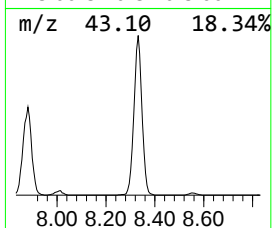
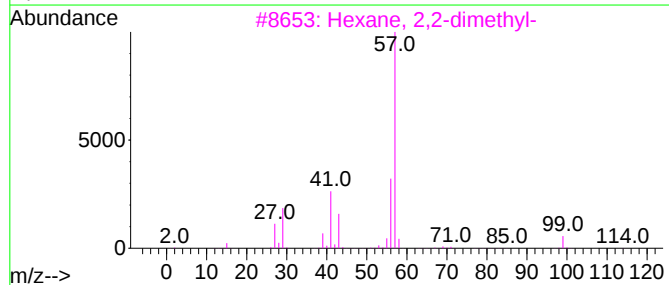
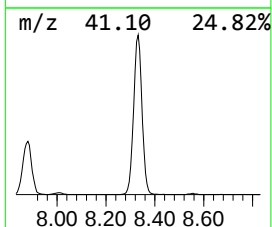
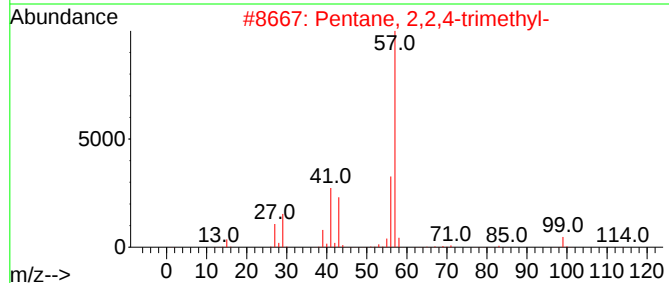
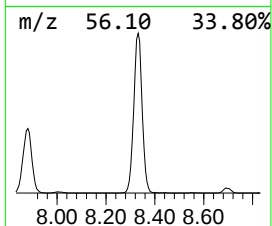
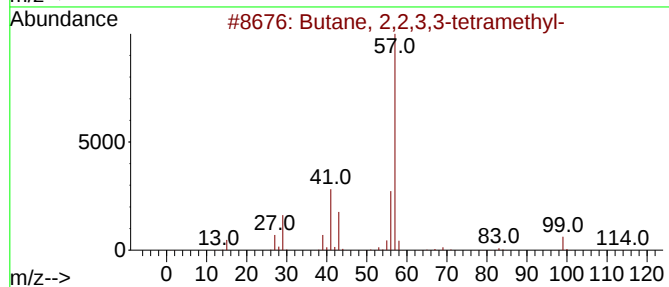
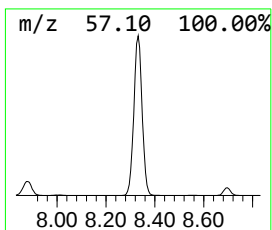
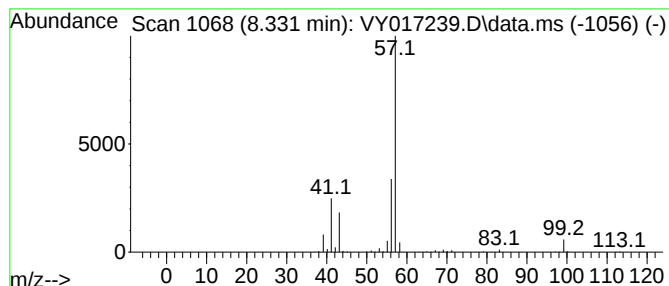
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.331	109.54 ug/l	880494	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
3			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
5			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72



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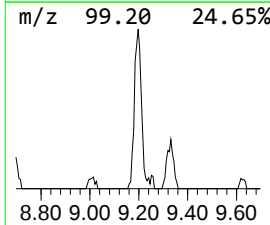
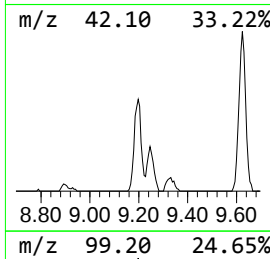
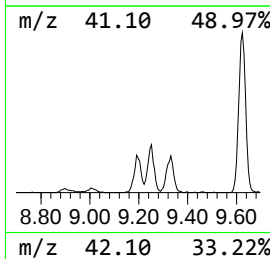
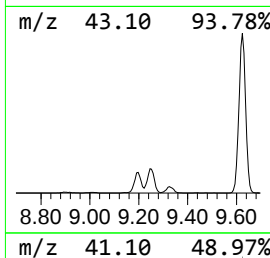
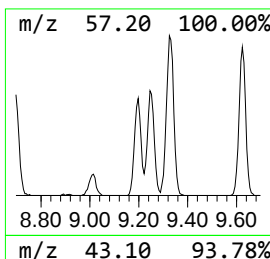
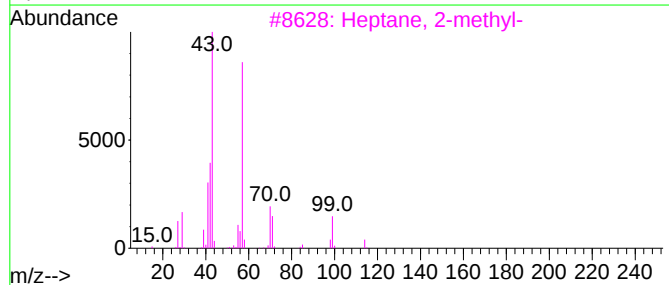
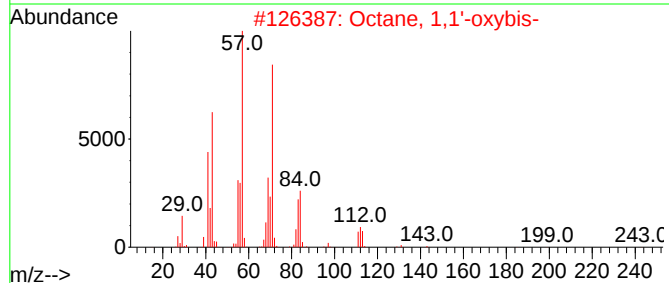
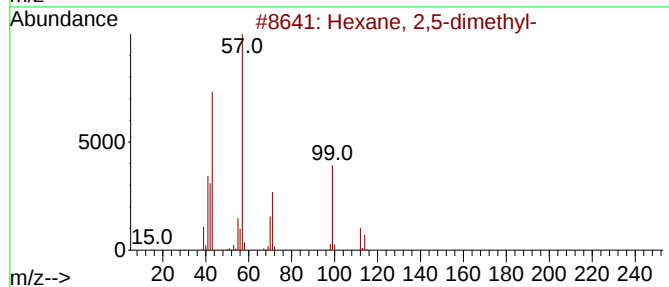
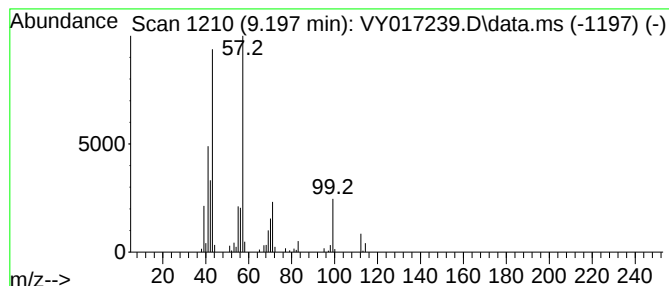
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260

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

Peak Number 5 Hexane, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.197	9.55 ug/l	76805	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	81
2			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53
3			Heptane, 2-methyl-	114	C8H18	000592-27-8	52
4			Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	47
5			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017239.D
Acq On : 05 Feb 2024 19:12
Operator : SY/MD
Sample : P1141-09
Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2

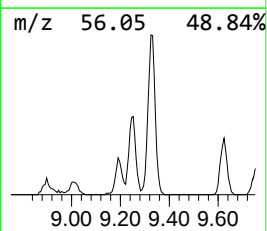
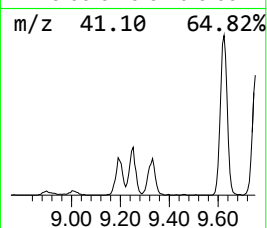
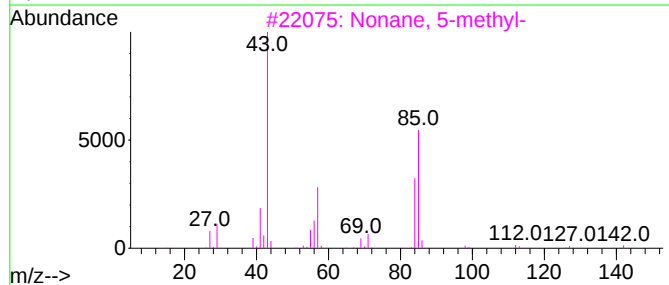
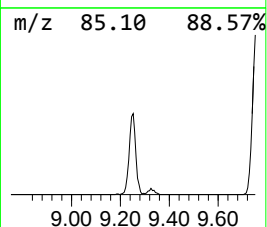
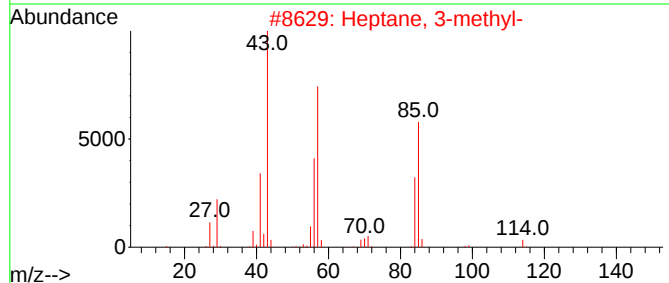
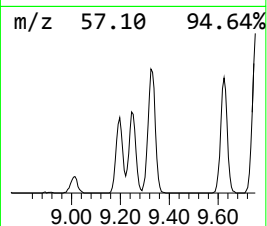
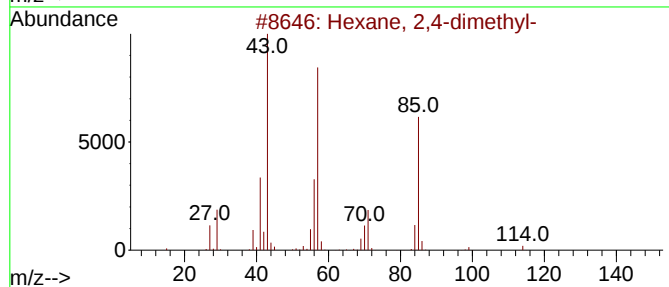
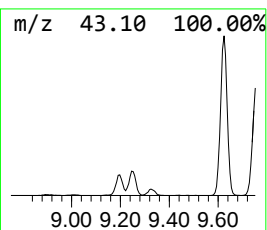
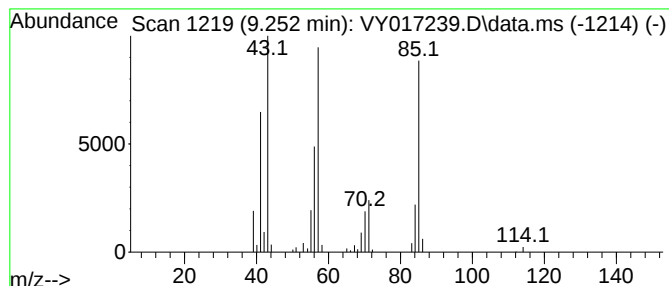
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Quant Title : SW846 8260

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

Peak Number 6 Hexane, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.252	11.39 ug/l	91526	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
2			Heptane, 3-methyl-	114	C8H18	000589-81-1	64
3			Nonane, 5-methyl-	142	C10H22	015869-85-9	59
4			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	59
5			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017239.D
Acq On : 05 Feb 2024 19:12
Operator : SY/MD
Sample : P1141-09
Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2

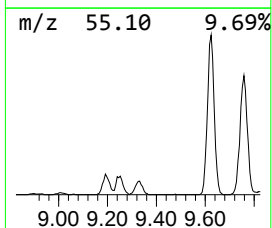
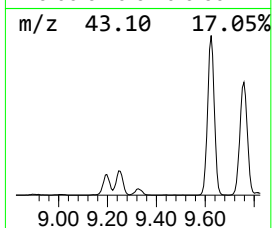
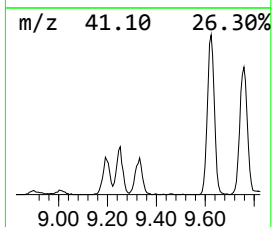
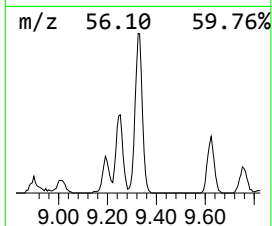
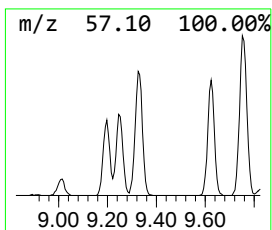
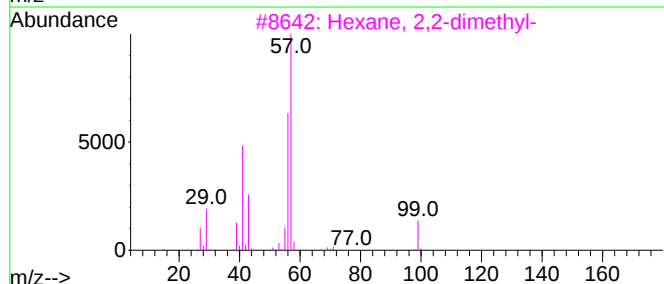
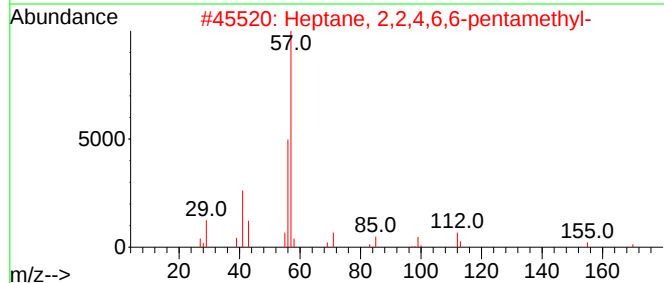
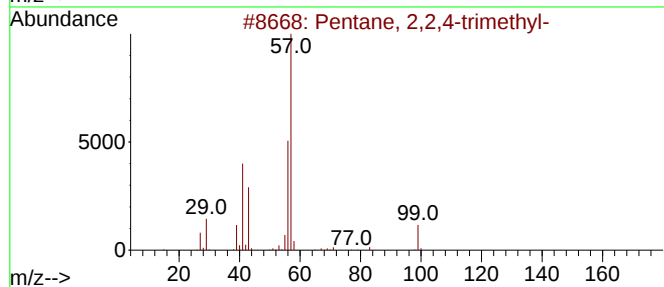
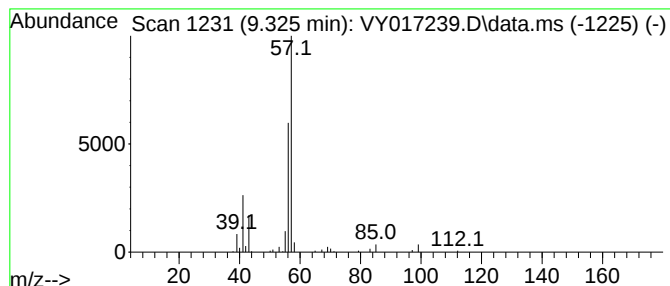
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Quant Title : SW846 8260

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

Peak Number 7 Pentane, 2,2,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.325	8.77 ug/l	70460	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
2			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
3			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
4			Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	64
5			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017239.D
Acq On : 05 Feb 2024 19:12
Operator : SY/MD
Sample : P1141-09
Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2

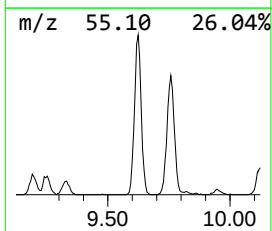
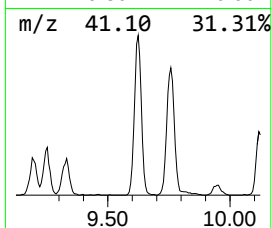
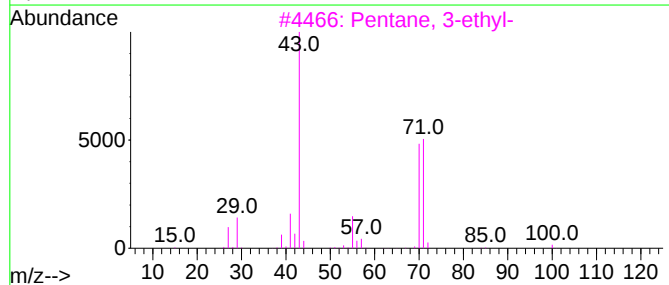
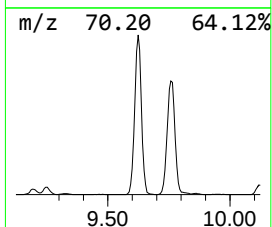
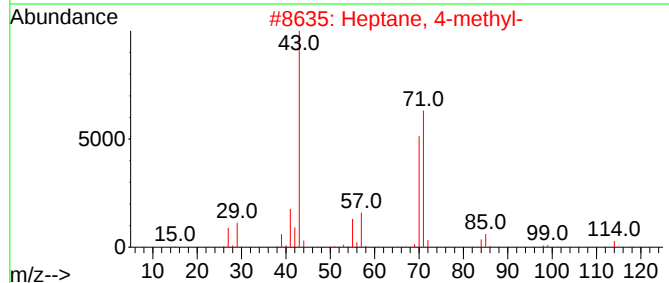
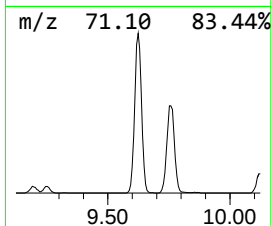
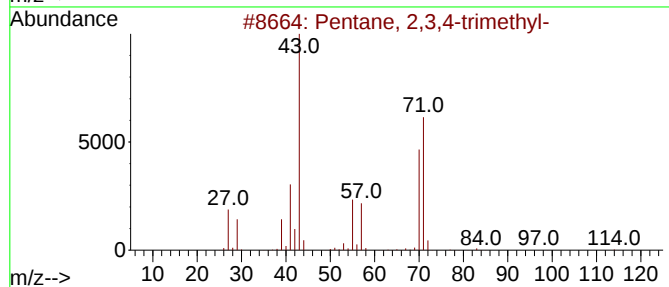
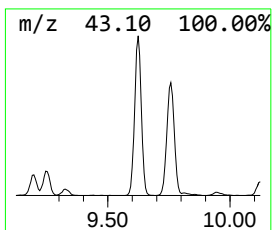
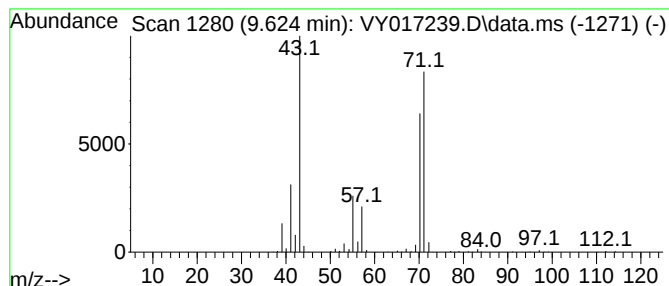
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Quant Title : SW846 8260

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

Peak Number 8 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.624	53.41 ug/l	429362	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3			Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	78
5			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017239.D
Acq On : 05 Feb 2024 19:12
Operator : SY/MD
Sample : P1141-09
Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2

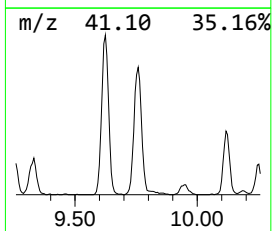
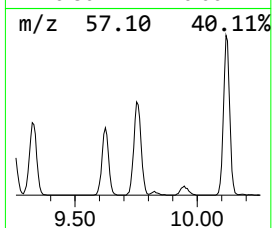
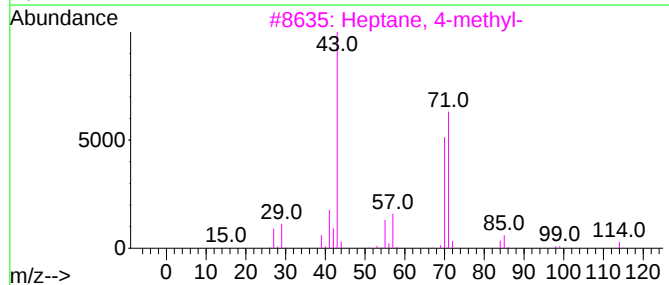
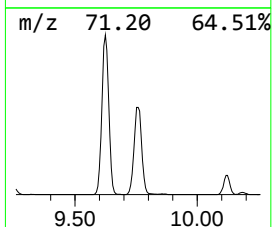
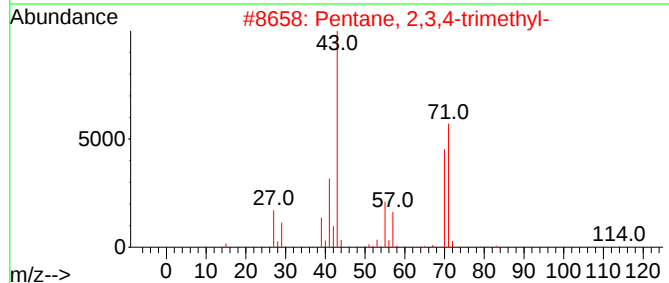
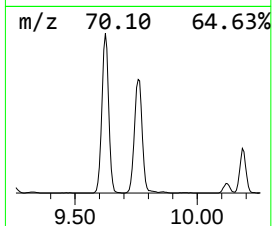
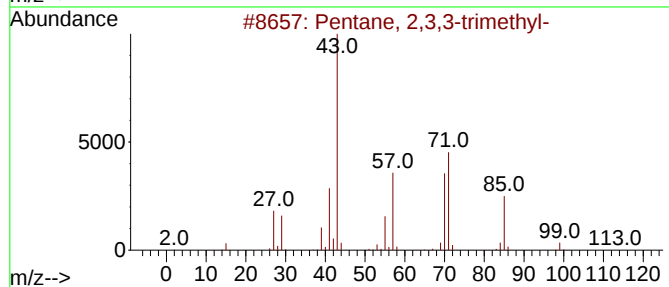
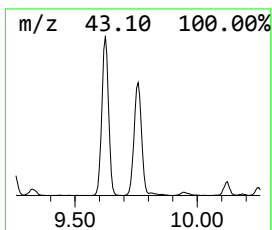
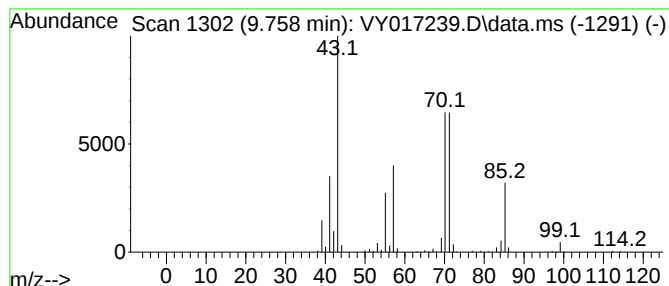
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Quant Title : SW846 8260

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

Peak Number 9 Pentane, 2,3,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.758	48.29 ug/l	388143	1,4-Difluorobenzene	8.697

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	74
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	72
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
5			Diisooamyl ether	158	C10H22O	000544-01-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017239.D
Acq On : 05 Feb 2024 19:12
Operator : SY/MD
Sample : P1141-09
Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2

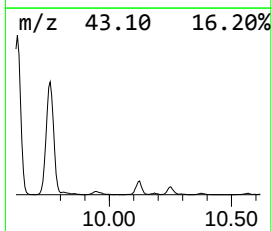
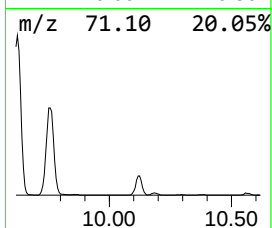
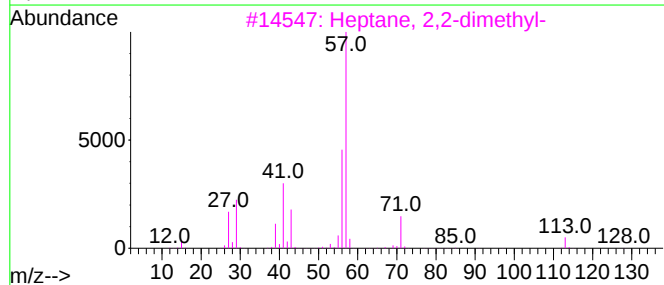
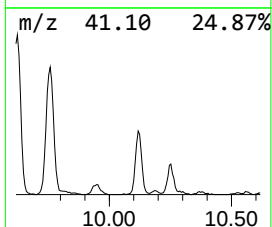
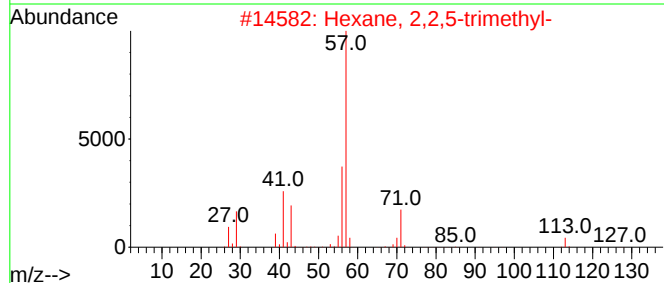
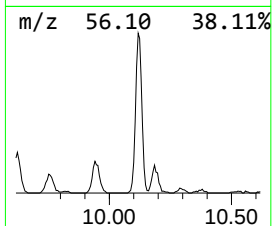
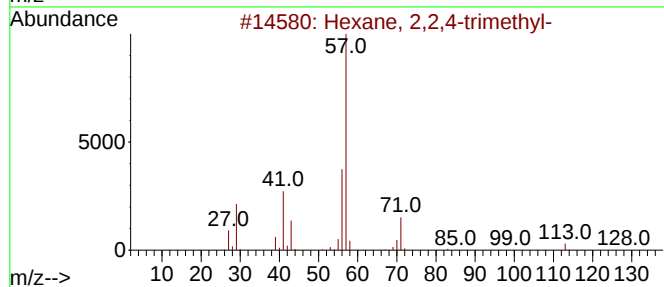
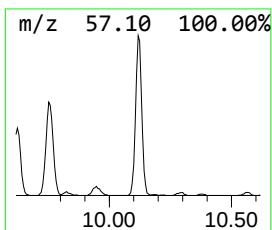
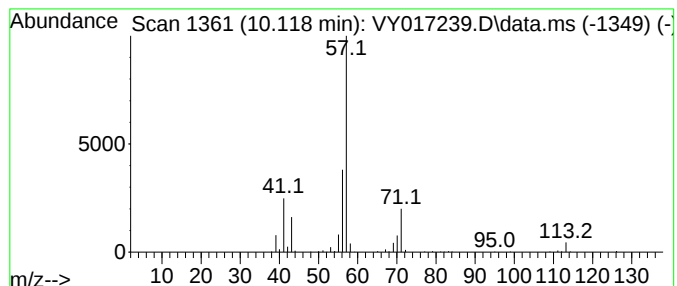
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Quant Title : SW846 8260

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

Peak Number 10 Hexane, 2,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.118	11.85 ug/l	132202	Chlorobenzene-d5	11.496

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	83
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	83
3			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	72
4			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	53
5			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
Data File : VY017239.D
Acq On : 05 Feb 2024 19:12
Operator : SY/MD
Sample : P1141-09
Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.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
Butane, 2-methyl-	2.906	31.6	ug/l	153129	1	7.795	241986	50.0
Hexane, 2-methyl-	6.692	23.7	ug/l	114749	1	7.795	241986	50.0
Pentane, 2,3-di...	7.880	56.5	ug/l	273304	1	7.795	241986	50.0
Butane, 2,2,3,3...	8.331	109.5	ug/l	880494	2	8.697	401922	50.0
Hexane, 2,5-dim...	9.197	9.6	ug/l	76805	2	8.697	401922	50.0
Hexane, 2,4-dim...	9.252	11.4	ug/l	91526	2	8.697	401922	50.0
Pentane, 2,2,4-...	9.325	8.8	ug/l	70460	2	8.697	401922	50.0
Pentane, 2,3,4-...	9.624	53.4	ug/l	429362	2	8.697	401922	50.0
Pentane, 2,3,3-...	9.758	48.3	ug/l	388143	2	8.697	401922	50.0
Hexane, 2,2,4-t...	10.118	11.9	ug/l	132202	3	11.496	557686	50.0